

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : Nelfamar Vinyl Topcoat  
Product code : F.0751  
Product group : Recipe

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### Relevant identified uses

Intended for general public  
Main use category : Consumer use, Professional use  
Industrial/Professional use spec : Wide dispersive use  
Use of the substance/mixture : High gloss Vinylcoating  
Function or use category : Coatings and paints, thinners, paint removers

#### 1.3. Details of the supplier of the safety data sheet

Nelf Marine Paints B.V.  
Nieuweweg 5  
NL 9073 GN Marrum, Fryslân  
Nederland  
T +31 (0)518 - 418 000  
[info@nelfmarine.nl](mailto:info@nelfmarine.nl), [www.nelfmarine.nl](http://www.nelfmarine.nl)

#### 1.4. Emergency telephone number

| Country/Area | Organisation/Company                               | Address                                                      | Emergency number | Comment                                                                                                             |
|--------------|----------------------------------------------------|--------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------|
| Netherlands  | Nationaal Vergiftigingen Informatie Centrum (NVIC) | Huispostnummer Q03.2.315<br>Postbus 85500<br>3508 GA Utrecht | +31 88 755 80 00 | Only for the purpose of informing medical personnel in cases of acute intoxications (24 hours a day, 7 days a week) |

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 3 H226  
Skin corrosion/irritation, Category 2 H315  
Serious eye damage/eye irritation, Category 2 H319  
Specific target organ toxicity – Single exposure, Category 3, H336  
Narcosis  
Specific target organ toxicity – Single exposure, Category 3, H335  
Respiratory tract irritation  
Hazardous to the aquatic environment – Chronic Hazard, H412  
Category 3

Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

Flammable liquid and vapour. May cause drowsiness or dizziness. May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

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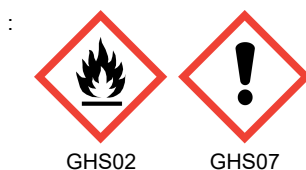
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### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS02

GHS07

CLP Signal word

: Warning

Contains

: Hydrocarbons, C9, aromatics; Reaction mass of ethylbenzene and xylene

Hazard statements (CLP)

: H226 - Flammable liquid and vapour.  
H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
H335 - May cause respiratory irritation.  
H336 - May cause drowsiness or dizziness.  
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
No smoking.  
P271 - Use only outdoors or in a well-ventilated area.  
P405 - Store locked up.  
P501 - Dispose of contents and container to Collection point.

Child-resistant fastening : Not applicable

Tactile warning : Not applicable

### 2.3. Other hazards

PBT: not yet assessed

vPvB: not yet assessed

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

#### Component

PBT: not relevant – no registration required

Amorphous silicon dioxide (7631-86-9)

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Name                                                                                            | Product identifier                                                                                   | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                    |
|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------|
| Hydrocarbons, C9, aromatics substance with national workplace exposure limit(s) (NL)            | CAS-No.: 128601-23-0<br>EC-No.: 918-668-5<br>REACH-no: 01-2119455851-35                              | 10 – 25 | Flam. Liq. 3, H226<br>STOT SE 3, H336<br>STOT SE 3, H335<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411<br>EUH066 |
| CI Pigment White 6 substance with national workplace exposure limit(s) (DE, FR, GB, PL, RO, SK) | CAS-No.: 13463-67-7<br>EC-No.: 236-675-5<br>EC Index-No.: 022-006-00-2<br>REACH-no: 01-2119489379-17 | 10 – 25 | Not classified                                                                                                     |

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| Name                                                                                                                                                                                                     | Product identifier                                                                                   | %         | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| xylene<br>substance with national workplace exposure limit(s) (BE, CZ, DE, FR, GB, NL, RO, SI, SK, RS); substance with a Community workplace exposure limit                                              | CAS-No.: 1330-20-7<br>EC-No.: 215-535-7<br>EC Index-No.: 601-022-00-9<br>REACH-no: 01-2119488216-32  | 5 – 10    | Flam. Liq. 3, H226<br>Acute Tox. 4 (Dermal), H312 (ATE=1100 mg/kg bodyweight)<br>Acute Tox. 4 (Inhalation), H332 (ATE=11 mg/l/4h)<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT SE 3, H335<br>STOT RE 2, H373<br>Asp. Tox. 1, H304<br>Aquatic Chronic 3, H412 |
| Reaction mass of ethylbenzene and xylene<br>substance with national workplace exposure limit(s) (DE, FR, GB, NL, PL); substance with a Community workplace exposure limit                                | EC-No.: 905-588-0<br>REACH-no: 01-2119488216-32                                                      | 5 – 10    | Flam. Liq. 3, H226<br>Acute Tox. 4 (Dermal), H312 (ATE=1100 mg/kg bodyweight)<br>Acute Tox. 4 (Inhalation), H332 (ATE=11 mg/l/4h)<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT SE 3, H335<br>STOT RE 2, H373<br>Asp. Tox. 1, H304<br>Aquatic Chronic 3, H412 |
| ethylbenzene<br>substance with national workplace exposure limit(s) (BE, CZ, DE, FR, GB, NL, PL, RO, SI, SK, RS); substance with a Community workplace exposure limit                                    | CAS-No.: 100-41-4<br>EC-No.: 202-849-4<br>EC Index-No.: 601-023-00-4<br>REACH-no: 01-2119489370-35   | 1 – 2.5   | Flam. Liq. 2, H225<br>Acute Tox. 4 (Inhalation), H332 (ATE=17.4 mg/l/4h)<br>STOT RE 2, H373<br>Asp. Tox. 1, H304<br>Aquatic Chronic 3, H412                                                                                                                          |
| Di-"isononyl" phthalate<br>substance with national workplace exposure limit(s) (CZ, GB)                                                                                                                  | CAS-No.: 28553-12-0<br>EC-No.: 249-079-5<br>REACH-no: 01-2119430798-28                               | 1 – 2.5   | Not classified                                                                                                                                                                                                                                                       |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics<br>substance with national workplace exposure limit(s) (PL); substance with a Community workplace exposure limit                   | CAS-No.: 64742-48-9<br>EC-No.: 918-481-9<br>EC Index-No.: 649-327-00-6<br>REACH-no: 01-2119457273-39 | 0.5 – 1   | Asp. Tox. 1, H304<br>EUH066                                                                                                                                                                                                                                          |
| n-butyl acetate<br>substance with national workplace exposure limit(s) (CZ, DE, FR, GB, NL, PL, RO, SK, RS); substance with a Community workplace exposure limit                                         | CAS-No.: 123-86-4<br>EC-No.: 204-658-1<br>EC Index-No.: 607-025-00-1<br>REACH-no: 01-2119485493-29   | 0.5 – 1   | Flam. Liq. 3, H226<br>STOT SE 3, H336<br>EUH066                                                                                                                                                                                                                      |
| Naphtha (petroleum), hydrotreated heavy, Low boiling point hydrogen treated naphtha<br>substance with national workplace exposure limit(s) (DE, PL); substance with a Community workplace exposure limit | CAS-No.: 64742-48-9<br>EC-No.: 265-150-3<br>EC Index-No.: 649-327-00-6<br>REACH-no: 01-2119457273-39 | 0.3 – 0.5 | Asp. Tox. 1, H304<br>EUH066                                                                                                                                                                                                                                          |
| propylene carbonate<br>substance with national workplace exposure limit(s) (DE)                                                                                                                          | CAS-No.: 108-32-7<br>EC-No.: 203-572-1<br>EC Index-No.: 607-194-00-1<br>REACH-no: 01-2119537232-48   | 0.1 – 0.3 | Eye Irrit. 2, H319                                                                                                                                                                                                                                                   |

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| Name                                                                                                                                                                                                                                                                | Product identifier                                                                                 | %             | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2-methoxy-1-methylethyl acetate<br>substance with national workplace exposure limit(s)<br>(AT, BE, BG, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, LT, LU, LV, MT, NL, PL, RO, SE, SI, SK, IS, NO, RS, CH); substance with a Community workplace exposure limit | CAS-No.: 108-65-6<br>EC-No.: 203-603-9<br>EC Index-No.: 607-195-00-7<br>REACH-no: 01-2119475791-29 | 0.1 – 0.3     | Flam. Liq. 3, H226<br>STOT SE 3, H336                                                                                                                                   |
| toluene<br>substance with national workplace exposure limit(s)<br>(CZ, DE, FR, GB, NL, PL, RO, SI, SK, RS); substance with a Community workplace exposure limit                                                                                                     | CAS-No.: 108-88-3<br>EC-No.: 203-625-9<br>EC Index-No.: 601-021-00-3<br>REACH-no: 01-2119471310-51 | 0.1 – 0.3     | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Repr. 2, H361d<br>STOT SE 3, H336<br>STOT RE 2, H373<br>Asp. Tox. 1, H304<br>Aquatic Chronic 3, H412 |
| Amorphous silicon dioxide<br>substance with national workplace exposure limit(s)<br>(DE)                                                                                                                                                                            | CAS-No.: 7631-86-9<br>EC-No.: 231-545-4<br>REACH-no: 01-2119379499-16                              | 0.1 – 0.3     | Not classified                                                                                                                                                          |
| phthalic anhydride<br>substance with national workplace exposure limit(s)<br>(CZ, FR, GB, PL, RO, SK)                                                                                                                                                               | CAS-No.: 85-44-9<br>EC-No.: 201-607-5<br>EC Index-No.: 607-009-00-4<br>REACH-no: 01-2119457017-41  | 0.05 – 0.1    | Acute Tox. 4 (Oral), H302 (ATE=1530 mg/kg bodyweight)<br>STOT SE 3, H335<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Resp. Sens. 1, H334<br>Skin Sens. 1, H317        |
| Aluminium oxide (Al <sub>2</sub> O <sub>3</sub> )<br>substance with national workplace exposure limit(s)<br>(DE, FR, GB, PL, RO, SK)                                                                                                                                | CAS-No.: 1344-28-1<br>EC-No.: 215-691-6                                                            | 0.05 – 0.1    | Not classified                                                                                                                                                          |
| Dipropylene glycol monomethyl ether, mixture of isomers<br>substance with national workplace exposure limit(s)<br>(CZ, DE, FR, GB, NL, PL, RO, SK, RS); substance with a Community workplace exposure limit                                                         | CAS-No.: 34590-94-8<br>EC-No.: 252-104-2                                                           | 0.01 – 0.036  | Not classified                                                                                                                                                          |
| Zirconium dioxide<br>substance with national workplace exposure limit(s)<br>(DE)                                                                                                                                                                                    | CAS-No.: 1314-23-4<br>EC-No.: 215-227-2                                                            | 0.01 – 0.036  | Not classified                                                                                                                                                          |
| Quartz, inhalable fraction<br>substance with national workplace exposure limit(s)<br>(GB, NL); substance with a Community workplace exposure limit                                                                                                                  | CAS-No.: 14808-60-7<br>EC-No.: 238-878-4                                                           | 0.01 – 0.036  | Not classified                                                                                                                                                          |
| 2-methylpentane-2,4-diol<br>substance with national workplace exposure limit(s)<br>(DE, FR, GB, PL)                                                                                                                                                                 | CAS-No.: 107-41-5<br>EC-No.: 203-489-0<br>EC Index-No.: 603-053-00-3                               | 0.0015 – 0.01 | Eye Irrit. 2, H319<br>Skin Irrit. 2, H315                                                                                                                               |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general

: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

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|                                       |                                                                                                                                          |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures after inhalation   | : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.                        |
| First-aid measures after skin contact | : Take off immediately all contaminated clothing. Wash with plenty of water/...                                                          |
| First-aid measures after eye contact  | : If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.       |
| First-aid measures after ingestion    | : Obtain emergency medical attention. If accidentally swallowed obtain immediate medical attention. Rinse mouth. Do NOT induce vomiting. |
| Self protection of the first-aiders   | : First aid workers will be equipped with suitable personal protective equipment.                                                        |

### 4.2. Most important symptoms and effects, both acute and delayed

|                                     |                                                                                      |
|-------------------------------------|--------------------------------------------------------------------------------------|
| Symptoms/effects                    | : May cause drowsiness or dizziness.                                                 |
| Symptoms/effects after inhalation   | : May cause drowsiness or dizziness. Cough.                                          |
| Symptoms/effects after skin contact | : May cause moderate irritation.                                                     |
| Symptoms/effects after eye contact  | : Direct contact with the eyes is likely to be irritating.                           |
| Symptoms/effects after ingestion    | : Swallowing a small quantity of this material will result in serious health hazard. |

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |                                      |
|--------------------------------|--------------------------------------|
| Suitable extinguishing media   | : Carbon dioxide. Foam. Water spray. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.   |

### 5.2. Special hazards arising from the substance or mixture

|                                                  |                                                                                                                                                                         |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fire hazard                                      | : Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide. Decomposition products may be a hazard to health. |
| Explosion hazard                                 | : May form flammable/explosive vapour-air mixture.                                                                                                                      |
| Hazardous decomposition products in case of fire | : Thermal decomposition generates : Carbon dioxide. Carbon monoxide.                                                                                                    |

### 5.3. Advice for firefighters

|                                |                                                                                                      |
|--------------------------------|------------------------------------------------------------------------------------------------------|
| Precautionary measures fire    | : Usual measures for fire prevention.                                                                |
| Firefighting instructions      | : Cool closed containers exposed to fire with water spray.                                           |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection.      |
| Other information              | : Collect contaminated fire extinguishing water separately. This must not be discharged into drains. |

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

|                  |                                                                                                         |
|------------------|---------------------------------------------------------------------------------------------------------|
| General measures | : Eliminate every possible source of ignition. Refer to protective measures listed in Sections 7 and 8. |
|------------------|---------------------------------------------------------------------------------------------------------|

#### For non-emergency personnel

|                      |                                     |
|----------------------|-------------------------------------|
| Protective equipment | : Impervious footwear must be worn. |
| Emergency procedures | : Evacuate unnecessary personnel.   |

#### For emergency responders

|                      |                                              |
|----------------------|----------------------------------------------|
| Protective equipment | : Equip cleanup crew with proper protection. |
| Emergency procedures | : Ventilate area.                            |

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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### 6.3. Methods and material for containment and cleaning up

- For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
- Methods for cleaning up : Clean preferably with a detergent - Avoid the use of solvents.
- Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

See Section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Additional hazards when processed : Electrical equipment should be protected to the appropriate standard. Non- sparking tools should be used. The product may charge electrostatically: use earthing leads when transferring from one container to another. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded.
- Precautions for safe handling : Do not breathe Vapor and spray mist. Do not eat, drink or smoke when using this product.
- Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product.

### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Ground/bond container and receiving equipment.
- Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.
- Incompatible products : Keep away from oxidizers, strong acids and strong bases.
- Incompatible materials : Heat sources. Direct sunlight.
- Storage area : Store according to local legislation. Store in a well-ventilated place.
- Special rules on packaging : Store in a closed container.
- Packaging materials : Always store product in container of same material as original container.

### 7.3. Specific end use(s)

For more information see the Product Sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### National occupational exposure and biological limit values

| 2-methoxy-1-methylethyl acetate (108-65-6)         |                                 |
|----------------------------------------------------|---------------------------------|
| EU - Indicative Occupational Exposure Limit (IOEL) |                                 |
| Local name                                         | 2-Methoxy-1-methylethylacetate  |
| IOEL TWA                                           | 275 mg/m <sup>3</sup>           |
|                                                    | 50 ppm                          |
| IOEL STEL                                          | 550 mg/m <sup>3</sup>           |
|                                                    | 100 ppm                         |
| Remark                                             | Skin                            |
| Regulatory reference                               | COMMISSION DIRECTIVE 2000/39/EC |
| Netherlands - Occupational Exposure Limits         |                                 |
| Local name                                         | 1-Methoxy-2-propylacetaat       |
| TGG-8u (OEL TWA)                                   | 550 mg/m <sup>3</sup>           |
|                                                    | 100 ppm                         |

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|                                                    |                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2-methoxy-1-methylethyl acetate (108-65-6)         |                                                                                                                                                                                                                                                                                                                                                     |
| Regulatory reference                               | Arbeidsomstandighedenregeling 2024                                                                                                                                                                                                                                                                                                                  |
| ethylbenzene (100-41-4)                            |                                                                                                                                                                                                                                                                                                                                                     |
| EU - Indicative Occupational Exposure Limit (IOEL) |                                                                                                                                                                                                                                                                                                                                                     |
| Local name                                         | Ethylbenzene                                                                                                                                                                                                                                                                                                                                        |
| IOEL TWA                                           | 442 mg/m³                                                                                                                                                                                                                                                                                                                                           |
|                                                    | 100 ppm                                                                                                                                                                                                                                                                                                                                             |
| IOEL STEL                                          | 884 mg/m³                                                                                                                                                                                                                                                                                                                                           |
|                                                    | 200 ppm                                                                                                                                                                                                                                                                                                                                             |
| Remark                                             | Skin                                                                                                                                                                                                                                                                                                                                                |
| Regulatory reference                               | COMMISSION DIRECTIVE 2000/39/EC                                                                                                                                                                                                                                                                                                                     |
| Netherlands - Occupational Exposure Limits         |                                                                                                                                                                                                                                                                                                                                                     |
| Local name                                         | Ethylbenzeen                                                                                                                                                                                                                                                                                                                                        |
| TGG-8u (OEL TWA)                                   | 215 mg/m³                                                                                                                                                                                                                                                                                                                                           |
|                                                    | 48.6 ppm                                                                                                                                                                                                                                                                                                                                            |
| TGG-15min (OEL STEL)                               | 430 mg/m³                                                                                                                                                                                                                                                                                                                                           |
|                                                    | 97.3 ppm                                                                                                                                                                                                                                                                                                                                            |
| Remark                                             | H (Huidopname) Stoffen die relatief gemakkelijk door de huid kunnen worden opgenomen, hetgeen een substantiële bijdrage kan betekenen aan de totale inwendige blootstelling, hebben in de lijst een H-aanduiding. Bij deze stoffen moeten naast maatregelen tegen inademing ook adequate maatregelen ter voorkoming van huidcontact worden genomen. |
| Regulatory reference                               | Arbeidsomstandighedenregeling 2024                                                                                                                                                                                                                                                                                                                  |
| xylene (1330-20-7)                                 |                                                                                                                                                                                                                                                                                                                                                     |
| EU - Indicative Occupational Exposure Limit (IOEL) |                                                                                                                                                                                                                                                                                                                                                     |
| Local name                                         | Xylene, mixed isomers, pure                                                                                                                                                                                                                                                                                                                         |
| IOEL TWA                                           | 221 mg/m³                                                                                                                                                                                                                                                                                                                                           |
|                                                    | 50 ppm                                                                                                                                                                                                                                                                                                                                              |
| IOEL STEL                                          | 442 mg/m³                                                                                                                                                                                                                                                                                                                                           |
|                                                    | 100 ppm                                                                                                                                                                                                                                                                                                                                             |
| Remark                                             | Skin                                                                                                                                                                                                                                                                                                                                                |
| Regulatory reference                               | COMMISSION DIRECTIVE 2000/39/EC                                                                                                                                                                                                                                                                                                                     |
| Netherlands - Occupational Exposure Limits         |                                                                                                                                                                                                                                                                                                                                                     |
| Local name                                         | Xyleen, o-, m-, p-isomeren                                                                                                                                                                                                                                                                                                                          |
| TGG-8u (OEL TWA)                                   | 210 mg/m³                                                                                                                                                                                                                                                                                                                                           |
|                                                    | 47.5 ppm                                                                                                                                                                                                                                                                                                                                            |
| TGG-15min (OEL STEL)                               | 442 mg/m³                                                                                                                                                                                                                                                                                                                                           |
|                                                    | 100 ppm                                                                                                                                                                                                                                                                                                                                             |
| Remark                                             | H (Huidopname) Stoffen die relatief gemakkelijk door de huid kunnen worden opgenomen, hetgeen een substantiële bijdrage kan betekenen aan de totale inwendige blootstelling, hebben in de lijst een H-aanduiding. Bij deze stoffen moeten naast maatregelen tegen inademing ook adequate maatregelen ter voorkoming van huidcontact worden genomen. |
| Regulatory reference                               | Arbeidsomstandighedenregeling 2024                                                                                                                                                                                                                                                                                                                  |

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|                                                                                              |                                    |
|----------------------------------------------------------------------------------------------|------------------------------------|
| <b>Hydrocarbons, C9, aromatics (128601-23-0)</b>                                             |                                    |
| <b>Netherlands - Occupational Exposure Limits</b>                                            |                                    |
| TGG-8u (OEL TWA)                                                                             | 100 mg/m³                          |
|                                                                                              | 19 ppm                             |
| <b>CI Pigment White 6 (13463-67-7)</b>                                                       |                                    |
| <b>EU - Indicative Occupational Exposure Limit (IOEL)</b>                                    |                                    |
| Local name                                                                                   | Titanium dioxide                   |
| Remark                                                                                       | SCOEL Recommendations (Ongoing)    |
| <b>Quartz, inhalable fraction (14808-60-7)</b>                                               |                                    |
| <b>EU - Indicative Occupational Exposure Limit (IOEL)</b>                                    |                                    |
| Local name                                                                                   | Silica crystalline (Quartz)        |
| IOEL TWA                                                                                     | 0.05 mg/m³ (respirable dust)       |
| Remark                                                                                       | SCOEL Recommendations (2003)       |
| Regulatory reference                                                                         | SCOEL Recommendations              |
| <b>Netherlands - Occupational Exposure Limits</b>                                            |                                    |
| Local name                                                                                   | Silicium(di)oxide – kwarts         |
| TGG-8u (OEL TWA)                                                                             | 0.075 mg/m³ (Voor respirabel stof) |
| Remark                                                                                       | Kankerverwekkende stof             |
| Regulatory reference                                                                         | Arbeidsomstandighedenregeling 2024 |
| <b>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics (64742-48-9)</b> |                                    |
| <b>EU - Indicative Occupational Exposure Limit (IOEL)</b>                                    |                                    |
| Local name                                                                                   | White spirit Type 3                |
| IOEL TWA                                                                                     | 116 mg/m³                          |
|                                                                                              | 20 ppm                             |
| IOEL STEL                                                                                    | 290 mg/m³                          |
|                                                                                              | 50 ppm                             |
| Remark                                                                                       | skin. SCOEL Recommendations (2007) |
| Regulatory reference                                                                         | SCOEL Recommendations              |
| <b>Dipropylene glycol monomethyl ether, mixture of isomers (34590-94-8)</b>                  |                                    |
| <b>EU - Indicative Occupational Exposure Limit (IOEL)</b>                                    |                                    |
| Local name                                                                                   | (2-Methoxymethylethoxy)-propanol   |
| IOEL TWA                                                                                     | 308 mg/m³                          |
|                                                                                              | 50 ppm                             |
| Remark                                                                                       | Skin                               |
| Regulatory reference                                                                         | COMMISSION DIRECTIVE 2000/39/EC    |
| <b>Netherlands - Occupational Exposure Limits</b>                                            |                                    |
| Local name                                                                                   | Dipropyleenglycolmethylether       |
| TGG-8u (OEL TWA)                                                                             | 300 mg/m³                          |
|                                                                                              | 48.7 ppm                           |



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|                                                                                                         |                                                                       |
|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| <b>Dipropylene glycol monomethyl ether, mixture of isomers (34590-94-8)</b>                             |                                                                       |
| Regulatory reference                                                                                    | Arbeidsomstandighedenregeling 2024                                    |
| <b>Naphtha (petroleum), hydrotreated heavy, Low boiling point hydrogen treated naphtha (64742-48-9)</b> |                                                                       |
| <b>EU - Indicative Occupational Exposure Limit (IOEL)</b>                                               |                                                                       |
| Local name                                                                                              | White spirit Type 3                                                   |
| IOEL TWA                                                                                                | 116 mg/m <sup>3</sup>                                                 |
|                                                                                                         | 20 ppm                                                                |
| IOEL STEL                                                                                               | 290 mg/m <sup>3</sup>                                                 |
|                                                                                                         | 50 ppm                                                                |
| Remark                                                                                                  | skin. SCOEL Recommendations (2007)                                    |
| Regulatory reference                                                                                    | SCOEL Recommendations                                                 |
| <b>Reaction mass of ethylbenzene and xylene</b>                                                         |                                                                       |
| <b>EU - Indicative Occupational Exposure Limit (IOEL)</b>                                               |                                                                       |
| IOEL TWA                                                                                                | 221 mg/m <sup>3</sup>                                                 |
| IOEL STEL                                                                                               | 442 mg/m <sup>3</sup>                                                 |
| <b>Netherlands - Occupational Exposure Limits</b>                                                       |                                                                       |
| TGG-8u (OEL TWA)                                                                                        | 210 mg/m <sup>3</sup>                                                 |
| TGG-15min (OEL STEL)                                                                                    | 442 mg/m <sup>3</sup>                                                 |
| <b>toluene (108-88-3)</b>                                                                               |                                                                       |
| <b>EU - Indicative Occupational Exposure Limit (IOEL)</b>                                               |                                                                       |
| Local name                                                                                              | Toluene                                                               |
| IOEL TWA                                                                                                | 192 mg/m <sup>3</sup>                                                 |
|                                                                                                         | 50 ppm                                                                |
| IOEL STEL                                                                                               | 384 mg/m <sup>3</sup>                                                 |
|                                                                                                         | 100 ppm                                                               |
| Remark                                                                                                  | Skin                                                                  |
| Regulatory reference                                                                                    | COMMISSION DIRECTIVE 2006/15/EC                                       |
| <b>Netherlands - Occupational Exposure Limits</b>                                                       |                                                                       |
| Local name                                                                                              | Tolueen                                                               |
| TGG-8u (OEL TWA)                                                                                        | 150 mg/m <sup>3</sup>                                                 |
|                                                                                                         | 39 ppm                                                                |
| TGG-15min (OEL STEL)                                                                                    | 384 mg/m <sup>3</sup>                                                 |
|                                                                                                         | 100 ppm                                                               |
| Regulatory reference                                                                                    | Arbeidsomstandighedenregeling 2024                                    |
| <b>phthalic anhydride (85-44-9)</b>                                                                     |                                                                       |
| <b>EU - Indicative Occupational Exposure Limit (IOEL)</b>                                               |                                                                       |
| Local name                                                                                              | Phtalic anhydride                                                     |
| Remark                                                                                                  | respiratory sensitizer; skin sensitizer. SCOEL Recommendations (2010) |
| Regulatory reference                                                                                    | SCOEL Recommendations                                                 |

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| n-butyl acetate (123-86-4)                         |                                     |
|----------------------------------------------------|-------------------------------------|
| EU - Indicative Occupational Exposure Limit (IOEL) |                                     |
| Local name                                         | n-butyl acetate                     |
| IOEL TWA                                           | 241 mg/m <sup>3</sup>               |
|                                                    | 50 ppm                              |
| IOEL STEL                                          | 723 mg/m <sup>3</sup>               |
|                                                    | 150 ppm                             |
| Remark                                             | SCOEL Recommendations (Ongoing)     |
| Regulatory reference                               | COMMISSION DIRECTIVE (EU) 2019/1831 |
| Netherlands - Occupational Exposure Limits         |                                     |
| Local name                                         | n-Butylacetaat                      |
| TGG-8u (OEL TWA)                                   | 241 mg/m <sup>3</sup>               |
|                                                    | 50 ppm                              |
| TGG-15min (OEL STEL)                               | 723 mg/m <sup>3</sup>               |
|                                                    | 150 ppm                             |
| Regulatory reference                               | Arbeidsomstandighedenregeling 2024  |

## 8.2. Exposure controls

### Appropriate engineering controls

#### Appropriate engineering controls:

Provide adequate ventilation. Wear appropriate breathing apparatus if air renewal not sufficient to maintain dust/vapour under TLV.

### Personal protection equipment

#### Personal protective equipment:

In case of splash hazard: safety glasses. Gloves.

#### Personal protective equipment symbol(s):



### Eye and face protection

#### Eye protection:

Wear security glasses which protect from splashes

### Skin protection

#### Skin and body protection:

Wear suitable protective clothing

#### Hand protection:

In case of repeated or prolonged contact wear gloves

#### Other skin protection

#### Materials for protective clothing:

Use chemically protective clothing

### Respiratory protection

#### Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

### Environmental exposure controls

#### Environmental exposure controls:

Do not discharge into drains or the environment.

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### Other information:

Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                                                 |                                        |
|-------------------------------------------------|----------------------------------------|
| Physical state                                  | : Liquid                               |
| Colour                                          | : white.                               |
| Odour                                           | : characteristic.                      |
| Odour threshold                                 | : Not available                        |
| Melting point                                   | : Not applicable                       |
| Freezing point                                  | : Not available                        |
| Boiling point                                   | : $\geq 100$ °C                        |
| Flammability                                    | : Flammable liquid and vapour.         |
| Lower explosion limit                           | : Not available                        |
| Upper explosion limit                           | : Not available                        |
| Flash point                                     | : 23 ( $\geq 23$ ) °C                  |
| Auto-ignition temperature                       | : Not available                        |
| Decomposition temperature                       | : Not available                        |
| pH                                              | : Not available                        |
| Viscosity, kinematic                            | : 685.518 – 856.898 mm <sup>2</sup> /s |
| Viscosity, dynamic                              | : 800 (800 – 1000) mPa·s               |
| Solubility                                      | : Immiscible.                          |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                        |
| Vapour pressure                                 | : Not available                        |
| Vapour pressure at 50°C                         | : Not available                        |
| Density                                         | : 1.167 kg/l                           |
| Relative density                                | : Not available                        |
| Relative vapour density at 20°C                 | : Not available                        |
| Particle characteristics                        | : Not applicable                       |

### 9.2. Other information

#### Other safety characteristics

VOC content : 518 g/l

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Flammable liquid and vapour.

### 10.2. Chemical stability

Stable in use and storage conditions as recommended in item 7.

### 10.3. Possibility of hazardous reactions

May react violently with oxidants.

### 10.4. Conditions to avoid

Heat.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Thermal decomposition generates : Carbon monoxide. Carbon dioxide.

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### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

##### 2-methoxy-1-methylethyl acetate (108-65-6)

|                       |              |
|-----------------------|--------------|
| LD50 oral             | 8532 mg/kg   |
| LD50 dermal rat       | > 5000 mg/kg |
| LC50 Inhalation - Rat | 35.7 mg/l    |

##### ethylbenzene (100-41-4)

|                       |              |
|-----------------------|--------------|
| LD50 oral rat         | > 2000 mg/kg |
| LD50 dermal rabbit    | 17800 mg/kg  |
| LC50 Inhalation - Rat | 17.4 mg/l    |

##### xylene (1330-20-7)

|                                 |              |
|---------------------------------|--------------|
| LD50 oral rat                   | 3523 mg/kg   |
| LD50 oral                       | > 4000 mg/kg |
| LD50 dermal rabbit              | > 4200 mg/kg |
| LC50 Inhalation - Rat (Vapours) | 11 mg/l/4h   |

##### propylene carbonate (108-32-7)

|                    |               |
|--------------------|---------------|
| LD50 oral rat      | 34600 mg/kg   |
| LD50 dermal rabbit | > 23800 mg/kg |

##### Hydrocarbons, C9, aromatics (128601-23-0)

|                       |                          |
|-----------------------|--------------------------|
| LD50 oral rat         | 3492 (2000 – 5000) mg/kg |
| LD50 dermal rabbit    | > 2000 mg/kg             |
| LC50 Inhalation - Rat | > 6193 mg/l              |

##### CI Pigment White 6 (13463-67-7)

|               |                                                                                                                                                                                          |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LD50 oral rat | > 5000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure), Guideline: EPA OPPTS 870.1100 (Acute Oral Toxicity) |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

##### Amorphous silicon dioxide (7631-86-9)

|                    |              |
|--------------------|--------------|
| LD50 oral rat      | ≥ 5000 mg/kg |
| LD50 dermal rabbit | ≥ 5000 mg/kg |

##### Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)

|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| LD50 oral rat         | > 5000 mg/kg                                                                               |
| LD50 dermal rat       | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LD50 dermal rabbit    | > 5000 mg/kg                                                                               |
| LC50 Inhalation - Rat | > 4.951 mg/l/4h                                                                            |

##### Dipropylene glycol monomethyl ether, mixture of isomers (34590-94-8)

|               |            |
|---------------|------------|
| LD50 oral rat | 5140 mg/kg |
|---------------|------------|

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|                                                                                                         |                                                                                                                            |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>Dipropylene glycol monomethyl ether, mixture of isomers (34590-94-8)</b>                             |                                                                                                                            |
| LD50 dermal rat                                                                                         | > 19020 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)                                |
| LD50 dermal rabbit                                                                                      | 9510 mg/kg                                                                                                                 |
| <b>Naphtha (petroleum), hydrotreated heavy, Low boiling point hydrogen treated naphtha (64742-48-9)</b> |                                                                                                                            |
| LD50 oral rat                                                                                           | > 5000 mg/kg                                                                                                               |
| LD50 dermal rabbit                                                                                      | > 5000 mg/kg                                                                                                               |
| LC50 Inhalation - Rat                                                                                   | > 5000 mg/m <sup>3</sup>                                                                                                   |
| <b>2-methylpentane-2,4-diol (107-41-5)</b>                                                              |                                                                                                                            |
| LD50 oral rat                                                                                           | 3700 mg/kg                                                                                                                 |
| LD50 dermal rabbit                                                                                      | 7890 mg/kg                                                                                                                 |
| <b>Reaction mass of ethylbenzene and xylene</b>                                                         |                                                                                                                            |
| LD50 dermal rabbit                                                                                      | 12126 mg/kg bodyweight Animal: rabbit, Animal sex: male                                                                    |
| LC50 Inhalation - Rat                                                                                   | 29000 mg/l                                                                                                                 |
| <b>toluene (108-88-3)</b>                                                                               |                                                                                                                            |
| LD50 oral rat                                                                                           | 5580 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: EU Method B.1 (Acute Toxicity (Oral)), 95% CL: 5300 - 5910 |
| LD50 dermal rabbit                                                                                      | > 5000 mg/kg bodyweight Animal: rabbit, Animal sex: male, 95% CL: 9,63 - 20,77                                             |
| <b>phthalic anhydride (85-44-9)</b>                                                                     |                                                                                                                            |
| LD50 oral rat                                                                                           | 1530 mg/kg                                                                                                                 |
| LD50 dermal rabbit                                                                                      | > 3160 mg/kg                                                                                                               |
| LC50 Inhalation - Rat (Dust/Mist)                                                                       | > 2.14 mg/l/4h                                                                                                             |
| <b>n-butyl acetate (123-86-4)</b>                                                                       |                                                                                                                            |
| LD50 oral rat                                                                                           | > 10000 mg/kg                                                                                                              |
| LD50 dermal rabbit                                                                                      | > 14000 mg/kg                                                                                                              |
| LC50 Inhalation - Rat (Vapours)                                                                         | > 21 mg/l/4h                                                                                                               |
| Skin corrosion/irritation : Causes skin irritation.                                                     |                                                                                                                            |
| <b>2-methoxy-1-methylethyl acetate (108-65-6)</b>                                                       |                                                                                                                            |
| pH                                                                                                      | 4                                                                                                                          |
| <b>propylene carbonate (108-32-7)</b>                                                                   |                                                                                                                            |
| pH                                                                                                      | 7                                                                                                                          |
| <b>CI Pigment White 6 (13463-67-7)</b>                                                                  |                                                                                                                            |
| pH                                                                                                      | 7 (6 – 9)                                                                                                                  |
| <b>Aluminium oxide (Al<sub>2</sub>O<sub>3</sub>) (1344-28-1)</b>                                        |                                                                                                                            |
| pH                                                                                                      | 9.4 – 10.1                                                                                                                 |
| <b>Dipropylene glycol monomethyl ether, mixture of isomers (34590-94-8)</b>                             |                                                                                                                            |
| pH                                                                                                      | 6 – 7                                                                                                                      |
| <b>n-butyl acetate (123-86-4)</b>                                                                       |                                                                                                                            |
| pH                                                                                                      | 6.2                                                                                                                        |

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Serious eye damage/irritation : Causes serious eye irritation.

|                                                                             |                                                                                                                                                                                          |
|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>2-methoxy-1-methylethyl acetate (108-65-6)</b>                           |                                                                                                                                                                                          |
| pH                                                                          | 4                                                                                                                                                                                        |
| <b>propylene carbonate (108-32-7)</b>                                       |                                                                                                                                                                                          |
| pH                                                                          | 7                                                                                                                                                                                        |
| <b>CI Pigment White 6 (13463-67-7)</b>                                      |                                                                                                                                                                                          |
| pH                                                                          | 7 (6 – 9)                                                                                                                                                                                |
| <b>Aluminium oxide (Al<sub>2</sub>O<sub>3</sub>) (1344-28-1)</b>            |                                                                                                                                                                                          |
| pH                                                                          | 9.4 – 10.1                                                                                                                                                                               |
| <b>Dipropylene glycol monomethyl ether, mixture of isomers (34590-94-8)</b> |                                                                                                                                                                                          |
| pH                                                                          | 6 – 7                                                                                                                                                                                    |
| <b>n-butyl acetate (123-86-4)</b>                                           |                                                                                                                                                                                          |
| pH                                                                          | 6.2                                                                                                                                                                                      |
| Respiratory or skin sensitisation                                           | : Not classified                                                                                                                                                                         |
| Germ cell mutagenicity                                                      | : Not classified                                                                                                                                                                         |
| Carcinogenicity                                                             | : Not classified                                                                                                                                                                         |
| Reproductive toxicity                                                       | : Not classified                                                                                                                                                                         |
| <b>Aluminium oxide (Al<sub>2</sub>O<sub>3</sub>) (1344-28-1)</b>            |                                                                                                                                                                                          |
| NOAEL (animal/male, F0/P)                                                   | 1000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
| STOT-single exposure                                                        | : May cause drowsiness or dizziness. May cause respiratory irritation.                                                                                                                   |
| <b>2-methoxy-1-methylethyl acetate (108-65-6)</b>                           |                                                                                                                                                                                          |
| STOT-single exposure                                                        | May cause drowsiness or dizziness.                                                                                                                                                       |
| <b>xylene (1330-20-7)</b>                                                   |                                                                                                                                                                                          |
| STOT-single exposure                                                        | May cause respiratory irritation.                                                                                                                                                        |
| <b>Hydrocarbons, C<sub>9</sub>, aromatics (128601-23-0)</b>                 |                                                                                                                                                                                          |
| STOT-single exposure                                                        | May cause drowsiness or dizziness. May cause respiratory irritation.                                                                                                                     |
| <b>Reaction mass of ethylbenzene and xylene</b>                             |                                                                                                                                                                                          |
| STOT-single exposure                                                        | May cause respiratory irritation.                                                                                                                                                        |
| <b>toluene (108-88-3)</b>                                                   |                                                                                                                                                                                          |
| STOT-single exposure                                                        | May cause drowsiness or dizziness.                                                                                                                                                       |
| <b>phthalic anhydride (85-44-9)</b>                                         |                                                                                                                                                                                          |
| STOT-single exposure                                                        | May cause respiratory irritation.                                                                                                                                                        |
| <b>n-butyl acetate (123-86-4)</b>                                           |                                                                                                                                                                                          |
| STOT-single exposure                                                        | May cause drowsiness or dizziness.                                                                                                                                                       |
| STOT-repeated exposure                                                      | : Not classified                                                                                                                                                                         |
| <b>2-methoxy-1-methylethyl acetate (108-65-6)</b>                           |                                                                                                                                                                                          |
| NOAEL (dermal, rat/rabbit, 90 days)                                         | > 1000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)                                                                   |

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|                                                                             |                                                                                                                                                                                         |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ethylbenzene (100-41-4)</b>                                              |                                                                                                                                                                                         |
| NOAEL (oral, rat, 90 days)                                                  | 75 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents)                                                                    |
| STOT-repeated exposure                                                      | May cause damage to organs (hearing organs) through prolonged or repeated exposure.                                                                                                     |
| <b>xylene (1330-20-7)</b>                                                   |                                                                                                                                                                                         |
| STOT-repeated exposure                                                      | May cause damage to organs (central nervous system, liver, kidneys) through prolonged or repeated exposure.                                                                             |
| <b>Hydrocarbons, C9, aromatics (128601-23-0)</b>                            |                                                                                                                                                                                         |
| NOAEL (oral, rat, 90 days)                                                  | 600 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)                                                                   |
| <b>Aluminium oxide (Al<sub>2</sub>O<sub>3</sub>) (1344-28-1)</b>            |                                                                                                                                                                                         |
| LOAEC (inhalation, rat, dust/mist/fume, 90 days)                            | 0.015 mg/l air Animal: rat, Guideline: OECD Guideline 452 (Chronic Toxicity Studies)                                                                                                    |
| <b>Dipropylene glycol monomethyl ether, mixture of isomers (34590-94-8)</b> |                                                                                                                                                                                         |
| NOAEL (oral, rat, 90 days)                                                  | 1000 mg/kg bodyweight Animal: rat, Guideline: other:                                                                                                                                    |
| <b>Reaction mass of ethylbenzene and xylene</b>                             |                                                                                                                                                                                         |
| LOAEL (oral, rat, 90 days)                                                  | 150 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPP 82-1 (90-Day Oral Toxicity) |
| STOT-repeated exposure                                                      | May cause damage to organs through prolonged or repeated exposure.                                                                                                                      |
| <b>toluene (108-88-3)</b>                                                   |                                                                                                                                                                                         |
| LOAEL (oral, rat, 90 days)                                                  | 1250 mg/kg bodyweight Animal: rat, Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)                                      |
| NOAEL (oral, rat, 90 days)                                                  | 625 mg/kg bodyweight Animal: rat, Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)                                       |
| NOAEC (inhalation, rat, vapour, 90 days)                                    | 2.355 mg/l air Animal: rat, Guideline: EU Method B.29 (Sub-Chronic Inhalation Toxicity:90-Day Study)                                                                                    |
| STOT-repeated exposure                                                      | May cause damage to organs through prolonged or repeated exposure.                                                                                                                      |
| <b>n-butyl acetate (123-86-4)</b>                                           |                                                                                                                                                                                         |
| LOAEL (oral, rat, 90 days)                                                  | 500 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.2650 (90-Day Oral Toxicity in Rodents)                                                                                         |
| NOAEL (oral, rat, 90 days)                                                  | 125 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.2650 (90-Day Oral Toxicity in Rodents)                                                                                         |
| NOAEC (inhalation, rat, dust/mist/fume, 90 days)                            | 2.4 mg/l/6h/day                                                                                                                                                                         |
| Aspiration hazard                                                           | : Not classified                                                                                                                                                                        |
| <b>Nelfamar Vinyl Topcoat</b>                                               |                                                                                                                                                                                         |
| Viscosity, kinematic                                                        | 685.518 – 856.898 mm <sup>2</sup> /s                                                                                                                                                    |
| <b>ethylbenzene (100-41-4)</b>                                              |                                                                                                                                                                                         |
| Viscosity, kinematic                                                        | < 20.5 mm <sup>2</sup> /s                                                                                                                                                               |
| <b>xylene (1330-20-7)</b>                                                   |                                                                                                                                                                                         |
| Viscosity, kinematic                                                        | < 0.9 mm <sup>2</sup> /s                                                                                                                                                                |
| <b>Alkydresin</b>                                                           |                                                                                                                                                                                         |
| Viscosity, kinematic                                                        | 2036 (2036 – 3499) mm <sup>2</sup> /s calculated                                                                                                                                        |

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|                                                                                                         |                                                                                                 |
|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>Hydrocarbons, C9, aromatics (128601-23-0)</b>                                                        |                                                                                                 |
| Viscosity, kinematic                                                                                    | 81.52 mm <sup>2</sup> /s                                                                        |
| <b>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics (64742-48-9)</b>            |                                                                                                 |
| Viscosity, kinematic                                                                                    | 1.3 (1.3 – 2.5) mm <sup>2</sup> /s                                                              |
| <b>Di-"isononyl" phthalate (28553-12-0)</b>                                                             |                                                                                                 |
| Viscosity, kinematic                                                                                    | 27.7 mm <sup>2</sup> /s                                                                         |
| <b>Naphtha (petroleum), hydrotreated heavy, Low boiling point hydrogen treated naphtha (64742-48-9)</b> |                                                                                                 |
| Viscosity, kinematic                                                                                    | < 1 mm <sup>2</sup> /s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm <sup>2</sup> /s)' |
| <b>Reaction mass of ethylbenzene and xylene</b>                                                         |                                                                                                 |
| Viscosity, kinematic                                                                                    | < 0.9 mm <sup>2</sup> /s                                                                        |
| <b>toluene (108-88-3)</b>                                                                               |                                                                                                 |
| Viscosity, kinematic                                                                                    | 0.647 mm <sup>2</sup> /s                                                                        |
| <b>n-butyl acetate (123-86-4)</b>                                                                       |                                                                                                 |
| Viscosity, kinematic                                                                                    | 0.83 mm <sup>2</sup> /s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm <sup>2</sup> /s)'  |

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

|                                                           |                                                                                                                                                                       |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ecology - general                                         | : According to the criteria of the European classification and labelling system, the substance/the product has not to be labelled as "dangerous for the environment". |
| Ecology - water                                           | : Harmful to aquatic life with long lasting effects.                                                                                                                  |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified                                                                                                                                                      |
| Hazardous to the aquatic environment, long-term (chronic) | : Harmful to aquatic life with long lasting effects.                                                                                                                  |

|                                                   |                                                                                                                                             |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>2-methoxy-1-methylethyl acetate (108-65-6)</b> |                                                                                                                                             |
| LC50 - Fish [1]                                   | > 100 mg/l                                                                                                                                  |
| EC50 - Crustacea [1]                              | 373 mg/l                                                                                                                                    |
| EC50 72h - Algae [1]                              | > 1000 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| NOEC (chronic)                                    | ≥ 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                         |
| NOEC chronic fish                                 | 47.5 mg/l Test organisms (species): Oryzias latipes Duration: '14 d'                                                                        |
| <b>ethylbenzene (100-41-4)</b>                    |                                                                                                                                             |
| LC50 - Fish [1]                                   | 5.1 mg/l Test organisms (species): Menidia menidia                                                                                          |
| EC50 72h - Algae [1]                              | 5.4 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)    |
| EC50 72h - Algae [2]                              | 4.9 mg/l Test organisms (species): Skeletonema costatum                                                                                     |
| EC50 96h - Algae [1]                              | 3.6 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)    |
| EC50 96h - Algae [2]                              | 7.7 mg/l Test organisms (species): Skeletonema costatum                                                                                     |



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| ethylbenzene (100-41-4)                                              |                                                                                                                                            |
|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| LOEC (chronic)                                                       | 1.7 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'                                                                      |
| NOEC (chronic)                                                       | 0.96 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'                                                                     |
| xylene (1330-20-7)                                                   |                                                                                                                                            |
| LC50 - Fish [1]                                                      | 2.6 mg/l                                                                                                                                   |
| EC50 - Crustacea [1]                                                 | 1 mg/l                                                                                                                                     |
| EC50 - Other aquatic organisms [1]                                   | 2.2 mg/l                                                                                                                                   |
| LOEC (chronic)                                                       | 3.16 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                         |
| NOEC chronic fish                                                    | > 1.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '56 d'                                 |
| Hydrocarbons, C9, aromatics (128601-23-0)                            |                                                                                                                                            |
| EC50 - Crustacea [1]                                                 | 3.2 mg/l                                                                                                                                   |
| EC50 72h - Algae [1]                                                 | 0.42 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)  |
| EC50 72h - Algae [2]                                                 | 0.29 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)  |
| CI Pigment White 6 (13463-67-7)                                      |                                                                                                                                            |
| EC50 - Other aquatic organisms [1]                                   | > 100 mg/l Test organisms (species):                                                                                                       |
| EC50 72h - Algae [1]                                                 | > 100 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| LOEC (chronic)                                                       | 5 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                            |
| Aluminium oxide (Al2O3) (1344-28-1)                                  |                                                                                                                                            |
| EC50 72h - Algae [1]                                                 | 1.05 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)  |
| EC50 72h - Algae [2]                                                 | 0.2 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)   |
| Amorphous silicon dioxide (7631-86-9)                                |                                                                                                                                            |
| LC50 - Fish [1]                                                      | 10000 (≥ 10000) mg/l                                                                                                                       |
| EC50 - Crustacea [1]                                                 | 1000 (≥ 1000) mg/l                                                                                                                         |
| Dipropylene glycol monomethyl ether, mixture of isomers (34590-94-8) |                                                                                                                                            |
| LC50 - Fish [1]                                                      | 10000 (≥ 10000) mg/l                                                                                                                       |
| EC50 - Crustacea [1]                                                 | 100 (≥ 100) mg/l                                                                                                                           |
| EC50 - Other aquatic organisms [1]                                   | 1930 mg/l Test organisms (species): other aquatic crustacea:                                                                               |
| EC50 72h - Algae [1]                                                 | > 969 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| EC50 96h - Algae [1]                                                 | > 969 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| LOEC (chronic)                                                       | 0.5 mg/l Test organisms (species): Daphnia magna Duration: '22 d'                                                                          |
| NOEC (chronic)                                                       | ≥ 0.5 mg/l Test organisms (species): Daphnia magna Duration: '22 d'                                                                        |
| 2-methylpentane-2,4-diol (107-41-5)                                  |                                                                                                                                            |
| LC50 - Fish [1]                                                      | 10000 (≥ 12800) mg/l                                                                                                                       |

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|                                                   |                                                                                                                                          |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>2-methylpentane-2,4-diol (107-41-5)</b>        |                                                                                                                                          |
| EC50 - Other aquatic organisms [1]                | 3250 (2800 – 7050) mg/l                                                                                                                  |
| <b>Reaction mass of ethylbenzene and xylene</b>   |                                                                                                                                          |
| LC50 - Fish [1]                                   | 2.6 mg/l                                                                                                                                 |
| EC50 - Crustacea [1]                              | > 3.4 mg/l Test organisms (species): Ceriodaphnia dubia                                                                                  |
| EC50 72h - Algae [1]                              | 2.2 mg/l                                                                                                                                 |
| LOEC (chronic)                                    | 3.16 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                       |
| NOEC chronic fish                                 | > 1.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '56 d'                               |
| <b>toluene (108-88-3)</b>                         |                                                                                                                                          |
| LC50 - Fish [1]                                   | 5.5 mg/l Test organisms (species): Oncorhynchus kisutch                                                                                  |
| LOEC (chronic)                                    | 2.76 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'                                                                   |
| NOEC (chronic)                                    | 0.74 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'                                                                   |
| NOEC chronic fish                                 | 1.39 mg/l Test organisms (species): Oncorhynchus kisutch Duration: '40 d'                                                                |
| <b>n-butyl acetate (123-86-4)</b>                 |                                                                                                                                          |
| LC50 - Fish [1]                                   | 81 (18 – 185) mg/l                                                                                                                       |
| LC50 - Fish [2]                                   | 18 mg/l                                                                                                                                  |
| EC50 - Crustacea [1]                              | 44 mg/l                                                                                                                                  |
| EC50 72h - Algae [1]                              | 200 mg/l                                                                                                                                 |
| EC50 72h - Algae [2]                              | 246 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| LOEC (chronic)                                    | 47.6 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                       |
| NOEC (chronic)                                    | 23.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                       |
| <b>12.2. Persistence and degradability</b>        |                                                                                                                                          |
| <b>Nelfamar Vinyl Topcoat</b>                     |                                                                                                                                          |
| Persistence and degradability                     | Rapidly degradable                                                                                                                       |
| <b>2-methoxy-1-methylethyl acetate (108-65-6)</b> |                                                                                                                                          |
| Persistence and degradability                     | Rapidly degradable                                                                                                                       |
| <b>ethylbenzene (100-41-4)</b>                    |                                                                                                                                          |
| Persistence and degradability                     | Rapidly degradable                                                                                                                       |
| <b>xylene (1330-20-7)</b>                         |                                                                                                                                          |
| Persistence and degradability                     | Rapidly degradable                                                                                                                       |
| <b>Polymer based on vinyl compounds</b>           |                                                                                                                                          |
| Persistence and degradability                     | Rapidly degradable                                                                                                                       |
| <b>Alkydresin</b>                                 |                                                                                                                                          |
| Persistence and degradability                     | Rapidly degradable                                                                                                                       |
| <b>propylene carbonate (108-32-7)</b>             |                                                                                                                                          |
| Persistence and degradability                     | Rapidly degradable                                                                                                                       |

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|                                                                                                         |                    |
|---------------------------------------------------------------------------------------------------------|--------------------|
| <b>Hydrocarbons, C9, aromatics (128601-23-0)</b>                                                        |                    |
| Persistence and degradability                                                                           | Rapidly degradable |
| <b>CI Pigment White 6 (13463-67-7)</b>                                                                  |                    |
| Persistence and degradability                                                                           | Rapidly degradable |
| <b>Aluminium oxide (Al<sub>2</sub>O<sub>3</sub>) (1344-28-1)</b>                                        |                    |
| Persistence and degradability                                                                           | Rapidly degradable |
| <b>Zirconium dioxide (1314-23-4)</b>                                                                    |                    |
| Persistence and degradability                                                                           | Rapidly degradable |
| <b>Amorphous silicon dioxide (7631-86-9)</b>                                                            |                    |
| Persistence and degradability                                                                           | Rapidly degradable |
| <b>Quartz, inhalable fraction (14808-60-7)</b>                                                          |                    |
| Persistence and degradability                                                                           | Rapidly degradable |
| <b>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics (64742-48-9)</b>            |                    |
| Persistence and degradability                                                                           | Rapidly degradable |
| <b>Dipropylene glycol monomethyl ether, mixture of isomers (34590-94-8)</b>                             |                    |
| Persistence and degradability                                                                           | Rapidly degradable |
| <b>Di-"isononyl" phthalate (28553-12-0)</b>                                                             |                    |
| Persistence and degradability                                                                           | Rapidly degradable |
| <b>Naphtha (petroleum), hydrotreated heavy, Low boiling point hydrogen treated naphtha (64742-48-9)</b> |                    |
| Persistence and degradability                                                                           | Rapidly degradable |
| <b>2-methylpentane-2,4-diol (107-41-5)</b>                                                              |                    |
| Persistence and degradability                                                                           | Rapidly degradable |
| <b>Reaction mass of ethylbenzene and xylene</b>                                                         |                    |
| Persistence and degradability                                                                           | Rapidly degradable |
| <b>toluene (108-88-3)</b>                                                                               |                    |
| Persistence and degradability                                                                           | Rapidly degradable |
| <b>phthalic anhydride (85-44-9)</b>                                                                     |                    |
| Persistence and degradability                                                                           | Rapidly degradable |
| <b>n-butyl acetate (123-86-4)</b>                                                                       |                    |
| Persistence and degradability                                                                           | Rapidly degradable |
| <b>12.3. Bioaccumulative potential</b>                                                                  |                    |
| <b>2-methoxy-1-methylethyl acetate (108-65-6)</b>                                                       |                    |
| Partition coefficient n-octanol/water (Log Pow)                                                         | 1.2                |
| <b>ethylbenzene (100-41-4)</b>                                                                          |                    |
| Partition coefficient n-octanol/water (Log Pow)                                                         | 3.15               |
| Partition coefficient n-octanol/water (Log Kow)                                                         | 3                  |

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|                                                                                              |                                       |
|----------------------------------------------------------------------------------------------|---------------------------------------|
| <b>xylene (1330-20-7)</b>                                                                    |                                       |
| Partition coefficient n-octanol/water (Log Pow)                                              | 3.1                                   |
| <b>propylene carbonate (108-32-7)</b>                                                        |                                       |
| Partition coefficient n-octanol/water (Log Pow)                                              | -0.41                                 |
| <b>Hydrocarbons, C9, aromatics (128601-23-0)</b>                                             |                                       |
| Partition coefficient n-octanol/water (Log Pow)                                              | < 4                                   |
| <b>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics (64742-48-9)</b> |                                       |
| Partition coefficient n-octanol/water (Log Pow)                                              | > 4                                   |
| <b>Dipropylene glycol monomethyl ether, mixture of isomers (34590-94-8)</b>                  |                                       |
| Partition coefficient n-octanol/water (Log Pow)                                              | 0.006                                 |
| <b>Di-"isononyl" phthalate (28553-12-0)</b>                                                  |                                       |
| Partition coefficient n-octanol/water (Log Kow)                                              | 8.8 – 9.7                             |
| <b>Reaction mass of ethylbenzene and xylene</b>                                              |                                       |
| Partition coefficient n-octanol/water (Log Pow)                                              | 3.1                                   |
| <b>toluene (108-88-3)</b>                                                                    |                                       |
| Partition coefficient n-octanol/water (Log Pow)                                              | 2.73                                  |
| <b>phthalic anhydride (85-44-9)</b>                                                          |                                       |
| Partition coefficient n-octanol/water (Log Pow)                                              | 1.6                                   |
| <b>n-butyl acetate (123-86-4)</b>                                                            |                                       |
| Partition coefficient n-octanol/water (Log Pow)                                              | 2.3                                   |
| <b>12.4. Mobility in soil</b>                                                                |                                       |
| No additional information available                                                          |                                       |
| <b>12.5. Results of PBT and vPvB assessment</b>                                              |                                       |
| <b>Nelfamar Vinyl Topcoat</b>                                                                |                                       |
| PBT: not yet assessed                                                                        |                                       |
| vPvB: not yet assessed                                                                       |                                       |
| <b>Component</b>                                                                             |                                       |
| PBT: not relevant – no registration required                                                 | Amorphous silicon dioxide (7631-86-9) |
| <b>12.6. Endocrine disrupting properties</b>                                                 |                                       |
| No additional information available                                                          |                                       |
| <b>12.7. Other adverse effects</b>                                                           |                                       |
| <b>Nelfamar Vinyl Topcoat</b>                                                                |                                       |
| Other information                                                                            | Avoid release to the environment.     |

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|                                            |                                                                                                                                                                              |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Regional waste regulation                  | : Disposal must be done according to official regulations.                                                                                                                   |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions.                                                                                |
| Sewage disposal recommendations            | : Dispose of in accordance with relevant local regulations.                                                                                                                  |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations.                                                                                                                   |
| Additional information                     | : Flammable vapours may accumulate in the container. Do not re-use empty containers.                                                                                         |
| Ecological waste information               | : Avoid release to the environment.                                                                                                                                          |
| European List of Waste (LoW, EC 2000/532)  | : 08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances<br>08 01 12 - waste paint and varnish other than those mentioned in 08 01 11 |

### SECTION 14: Transport information

In accordance with ADR / RID

| ADR                                                                                 | RID                                                                                   |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>14.1. UN number or ID number</b>                                                 |                                                                                       |
| UN 1263                                                                             | UN 1263                                                                               |
| <b>14.2. UN proper shipping name</b>                                                |                                                                                       |
| PAINT                                                                               | PAINT                                                                                 |
| <b>Transport document description</b>                                               |                                                                                       |
| UN 1263 PAINT, 3, III, (D/E)                                                        | UN 1263 PAINT, 3, III                                                                 |
| <b>14.3. Transport hazard class(es)</b>                                             |                                                                                       |
| 3                                                                                   | 3                                                                                     |
|  |  |
| <b>14.4. Packing group</b>                                                          |                                                                                       |
| III                                                                                 | III                                                                                   |
| <b>14.5. Environmental hazards</b>                                                  |                                                                                       |
| Dangerous for the environment: No                                                   | Dangerous for the environment: No                                                     |
| No supplementary information available                                              |                                                                                       |

#### 14.6. Special precautions for user

|                               |                                                                                                         |
|-------------------------------|---------------------------------------------------------------------------------------------------------|
| Special transport precautions | : In package sizes smaller than 450 L, under the conditions of 2.2.3.1.5.1, this product is ADR exempt. |
|-------------------------------|---------------------------------------------------------------------------------------------------------|

#### Overland transport

|                                                           |                           |
|-----------------------------------------------------------|---------------------------|
| Classification code (ADR)                                 | : F1                      |
| Special provisions (ADR)                                  | : 163, 367, 650           |
| Limited quantities (ADR)                                  | : 5I                      |
| Excepted quantities (ADR)                                 | : E1                      |
| Packing instructions (ADR)                                | : P001, IBC03, LP01, R001 |
| Special packing provisions (ADR)                          | : PP1                     |
| Mixed packing provisions (ADR)                            | : MP19                    |
| Portable tank and bulk container instructions (ADR)       | : T2                      |
| Portable tank and bulk container special provisions (ADR) | : TP1, TP29               |
| Tank code (ADR)                                           | : LGBF                    |

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Vehicle for tank carriage : FL  
Transport category (ADR) : 3  
Special provisions for carriage - Packages (ADR) : V12  
Special provisions for carriage - Operation (ADR) : S2  
Hazard identification number (Kemler No.) : 30  
Orange plates :



Tunnel restriction code (ADR) : D/E

### Rail transport

Classification code (RID) : F1  
Special provisions (RID) : 163, 367, 650  
Limited quantities (RID) : 5L  
Excepted quantities (RID) : E1  
Packing instructions (RID) : P001, IBC03, LP01, R001  
Special packing provisions (RID) : PP1  
Mixed packing provisions (RID) : MP19  
Portable tank and bulk container instructions (RID) : T2  
Portable tank and bulk container special provisions (RID) : TP1, TP29  
Tank codes for RID tanks (RID) : LGBF  
Transport category (RID) : 3  
Special provisions for carriage – Packages (RID) : W12  
Colis express (express parcels) (RID) : CE4  
Hazard identification number (RID) : 30

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals): Naphtha (petroleum), hydrotreated heavy (64742-48-9), Naphtha (petroleum), hydrotreated heavy (64742-48-9)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

##### Council Regulation (EC) for the control of dual-use items

Contains substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items: Aluminium oxide (1344-28-1), Zirconia (1314-23-4).

##### VOC Directive (2004/42)

VOC content : 518 g/l  
Decopaint Directive (2004/42/EC) - Annex II : A/i (Paints and Varnishes - One-pack performance coatings)

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Maximum allowed concentration : 500 g/l VOC  
Maximum content of VOC : 518.00 g/l VOC

### Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (EC 273/2004)

Contains substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

| Name    | CN designation | CAS-No.  | CN code    | Category, Subcategory | Threshold | Annex   |
|---------|----------------|----------|------------|-----------------------|-----------|---------|
| Toluene |                | 108-88-3 | 2902 30 00 | Category 3            |           | Annex I |

### National regulations

#### Netherlands

ABM category : Z(2) - biodegradable substances with hazardous properties for humans and the environment (carcinogenicity/ mutagenicity/reprotoxicity/bioaccumulative potential or toxicity)  
SZW-lijst van kankerverwekkende stoffen : Quartz, inhalable fraction, Naphtha (petroleum), hydrotreated heavy, Low boiling point hydrogen treated naphtha are listed  
SZW-lijst van mutagene stoffen : Naphtha (petroleum), hydrotreated heavy, Low boiling point hydrogen treated naphtha is listed  
SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed  
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed  
SZW-lijst van reprotoxische stoffen – Ontwikkeling : xylene, toluene are listed

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Indication of changes:

The information supplied has been based upon the current level of information available, for the purpose of specifying the requirements regarding environment, health and safety in conjunction with the product. They are not to be interpreted as a warranty.

| Indication of changes |                                        |          |
|-----------------------|----------------------------------------|----------|
| Section               | Changed item                           | Comments |
|                       | Revision date                          | Modified |
|                       | Supersedes version of                  | Modified |
| 3                     | Composition/information on ingredients | Modified |
| 9.1                   | Boiling point                          | Modified |

### Abbreviations and acronyms:

|  |                          |
|--|--------------------------|
|  | CLP                      |
|  | Overland transport (RID) |
|  | Overland transport (ADR) |

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

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Other information : None.

| Full text of H- and EUH-statements: |                                                                            |
|-------------------------------------|----------------------------------------------------------------------------|
| Acute Tox. 4 (Dermal)               | Acute toxicity (dermal), Category 4                                        |
| Acute Tox. 4 (Inhalation)           | Acute toxicity (inhal.), Category 4                                        |
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                                          |
| Aquatic Chronic 2                   | Hazardous to the aquatic environment – Chronic Hazard, Category 2          |
| Aquatic Chronic 3                   | Hazardous to the aquatic environment – Chronic Hazard, Category 3          |
| Asp. Tox. 1                         | Aspiration hazard, Category 1                                              |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                              |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                              |
| Flam. Liq. 2                        | Flammable liquids, Category 2                                              |
| Flam. Liq. 3                        | Flammable liquids, Category 3                                              |
| Repr. 2                             | Reproductive toxicity, Category 2                                          |
| Resp. Sens. 1                       | Respiratory sensitisation, Category 1                                      |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                                      |
| Skin Sens. 1                        | Skin sensitisation, Category 1                                             |
| STOT RE 2                           | Specific target organ toxicity – Repeated exposure, Category 2             |
| STOT SE 3                           | Specific target organ toxicity – Single exposure, Category 3, Narcosis     |
| H225                                | Highly flammable liquid and vapour.                                        |
| H226                                | Flammable liquid and vapour.                                               |
| H302                                | Harmful if swallowed.                                                      |
| H304                                | May be fatal if swallowed and enters airways.                              |
| H312                                | Harmful in contact with skin.                                              |
| H315                                | Causes skin irritation.                                                    |
| H317                                | May cause an allergic skin reaction.                                       |
| H318                                | Causes serious eye damage.                                                 |
| H319                                | Causes serious eye irritation.                                             |
| H332                                | Harmful if inhaled.                                                        |
| H334                                | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| H335                                | May cause respiratory irritation.                                          |
| H336                                | May cause drowsiness or dizziness.                                         |
| H361d                               | Suspected of damaging the unborn child.                                    |
| H373                                | May cause damage to organs through prolonged or repeated exposure.         |
| H411                                | Toxic to aquatic life with long lasting effects.                           |
| H412                                | Harmful to aquatic life with long lasting effects.                         |
| EUH066                              | Repeated exposure may cause skin dryness or cracking.                      |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: |      |                       |
|---------------------------------------------------------------------------------------------------------------------------|------|-----------------------|
| Flam. Liq. 3                                                                                                              | H226 | On basis of test data |
| Skin Irrit. 2                                                                                                             | H315 | Calculation method    |



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| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: |      |                    |
|---------------------------------------------------------------------------------------------------------------------------|------|--------------------|
| Eye Irrit. 2                                                                                                              | H319 | Calculation method |
| STOT SE 3                                                                                                                 | H336 | Calculation method |
| STOT SE 3                                                                                                                 | H335 | Calculation method |
| Aquatic Chronic 3                                                                                                         | H412 | Calculation method |

Safety Data Sheet applicable for regions : NL - Netherlands

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.