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

1.1. Product identifier

Product form : Mixtures

Trade name/designation : Power Tune® - Internal Engine Cleaner

Product code : 92-858080Q03, 92-8M0121969

Vaporizer : Aerosol

Document no. : 766-01-0107S

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

1.2.1. Relevant identified uses

Intended for general public

Main use category : Industrial use,Professional uses,Consumer use

Use of the substance/mixture : Detergent
Aerosol

1.2.2. Uses advised against

No data available

1.3. Details of the supplier of the safety data sheet

Brunswick Marine EMEA
Parc industriel de Petit-Rechain, Avenue Mercury 8
4800 Verviers - Belgium
T +32 (0)87 32 32 11
bme.compliance@brunswick.com

1.4. Emergency telephone number

Emergency number : 0032 3 575 55 55
This telephone number is available 24 hours per day, 7 days per week.

Country	Official advisory body	Address	Emergency number
Ireland	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	+353 1 809 21 66 (public, 8am - 10pm, 7/7) +353 01 809 2566 (Professionals, 24/7)
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours, healthcare professionals only)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Aerosol 1	H222;H229
Skin Irrit. 2	H315
Eye Dam. 1	H318
STOT SE 3	H336
Aquatic Chronic 2	H411

Full text of hazard classes and H-statements : see section 16

2.2. Label elements

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

Hazard pictograms (CLP) :

GHS02 GHS05 GHS07 GHS09

Signal word : Danger

Hazardous ingredients : Solvent naphtha (petroleum), heavy arom.; morpholine

Hazard statements (CLP) : H222 - Extremely flammable aerosol.
H229 - Pressurised container: May burst if heated.
H315 - Causes skin irritation.
H318 - Causes serious eye damage.
H336 - May cause drowsiness or dizziness.
H411 - Toxic 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.
P211 - Do not spray on an open flame or other ignition source.
P251 - Do not pierce or burn, even after use.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER/doctor/.
P410+P412 - Protect from sunlight. Do no expose to temperatures exceeding 50°C/122°F.
P501 - Dispose of contents/container to an approved waste disposal plant.

2.3. Other hazards

Other hazards : Vapours may form explosive mixture with air. Results of PBT and vPvB assessment : Not applicable.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Comments : Aerosol

Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Solvent naphtha (petroleum), heavy arom.	(CAS No) 64742-94-5 (EC No) 265-198-5 (EC Index) 649-424-00-3	30 - 40	Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 2, H411
2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve	(CAS No) 111-76-2 (EC No) 203-905-0 (EC Index) 603-014-00-0	11 - 21	Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Irrit. 2, H315
propane	(CAS No) 74-98-6 (EC No) 200-827-9 (EC Index) 601-003-00-5	5 - 10	Flam. Gas 1, H220 Press. Gas (Liq.), H280
Oleic acid	(CAS No) 112-80-1 (EC No) 204-007-1 (EC Index) -	1 - 5	Skin Irrit. 2, H315 Eye Irrit. 2, H319

morpholine	(CAS No) 110-91-8 (EC No) 203-815-1 (EC Index) 613-028-00-9	1 - 3,5	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

Additional advice : First aider: Pay attention to self-protection. Concerning personal protective equipment to use, see section 8. Never give anything by mouth to an unconscious person or a person with cramps. In case of doubt or persistent symptoms, consult always a physician. Show this safety data sheet to the doctor in attendance. Treat symptomatically.

Inhalation : Remove person to fresh air and keep comfortable for breathing. In case of doubt or persistent symptoms, consult always a physician.

Skin contact : Take off contaminated clothing. Gently wash with plenty of soap and water. In case of doubt or persistent symptoms, consult always a physician.

Eyes contact : Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

Ingestion : Rinse mouth out with water. Get medical advice/attention.

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

Inhalation : May cause drowsiness or dizziness. The following symptoms may occur: Irritation.

Skin contact : Causes skin irritation. The following symptoms may occur: erythema (redness).

Eyes contact : Causes serious eye damage. The following symptoms may occur: erythema (redness). Swelling of tissue. Irritation. Tears.

Ingestion : The following symptoms may occur: May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

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

No data available

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Alcohol resistant foam. dry extinguishing powder. Carbon dioxide.

Unsuitable extinguishing media : Strong water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards : Extremely flammable aerosol. Ignition risk. Vapours are heavier than air and may spread along floors. Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours. Aerosol cans may rupture and become projectiles. In use, may form flammable/explosive vapour-air mixture. Do not spray on a naked flame or any incandescent material. On heating there is a risk of a build-up of pressure in hermetically sealed containers or tanks.

Hazardous decomposition products in case of fire : Carbon oxides (CO, CO2).

5.3. Advice for firefighters

Firefighting instructions : Evacuate area. Use water spray or fog for cooling exposed containers. Contain the extinguishing fluids by bunding. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus.

Other information : Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

For non-emergency personnel : Evacuate personnel to a safe area. Stay upwind/keep distance from source. Provide adequate ventilation. Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8. Do not breathe vapour/aerosol. Avoid contact with skin, eyes and clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof equipment. Use only non-sparking tools.

6.1.2. For emergency responders

For emergency responders : Ensure procedures and training for emergency decontamination and disposal are in place. Concerning personal protective equipment to use, see section 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Stop leak if safe to do so. Leave evaporate and disperse. Clean-up methods - small spillage: Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite or powdered limestone, Collect in closed and suitable containers for disposal. Dispose of waste product or used containers according to local regulations.

6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Provide adequate ventilation. Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8. Do not breathe vapour/aerosol. Avoid contact with skin, eyes and clothing. Take any precaution to avoid mixing with combustibles/... See also section 10. Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH, time). Do not allow to enter into surface water or drains. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Pressurised container. May burst if heated.

Hygiene measures : Keep good industrial hygiene. Wash hands immediately after handling the product. When using do not eat, drink or smoke. Keep away from food, drink and animal feedingstuffs. Separate working clothes from town clothes. Take off contaminated clothing. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Flammable aerosols. Store in a dry, cool and well-ventilated place. Refer to the detailed list of incompatible materials in section 10 Stability/Reactivity. Bund storage facilities to prevent soil and water pollution in the event of spillage. Protect from sunlight. Remove all sources of ignition. Keep at temperature not exceeding 50.

Packaging materials : Keep only in the original container.

7.3. Specific end use(s)

Cleaner.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)		
EU	IOELV TWA (mg/m³)	98 mg/m³
EU	IOELV TWA (ppm)	20 ppm
EU	IOELV STEL (mg/m³)	246 mg/m³

2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)		
EU	IOELV STEL (ppm)	50 ppm
Austria	MAK (mg/m³)	98 mg/m³
Austria	MAK (ppm)	20 ppm
Austria	MAK Short time value (mg/m³)	200 mg/m³
Austria	MAK Short time value (ppm)	40 ppm
Belgium	Limit value (mg/m³)	98 mg/m³
Belgium	Limit value (ppm)	20 ppm
Belgium	Short time value (mg/m³)	246 mg/m³
Belgium	Short time value	50 ppm
Bulgaria	OEL TWA (mg/m³)	98 mg/m³
Bulgaria	OEL TWA (ppm)	20 ppm
Bulgaria	OEL STEL (mg/m³)	246 mg/m³
Bulgaria	OEL STEL (ppm)	50 ppm
Croatia	GVI (granična vrijednost izloženosti) (mg/m³)	98 mg/m³
Croatia	GVI (granična vrijednost izloženosti) (ppm)	20 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m³)	246 mg/m³
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	50 ppm
Cyprus	OEL TWA (mg/m³)	98 mg/m³
Cyprus	OEL TWA (ppm)	20 ppm
Cyprus	OEL STEL (mg/m³)	246 mg/m³
Cyprus	OEL STEL (ppm)	50 ppm
Czech Republic	Expoziční limity (PEL) (mg/m³)	100 mg/m³
Denmark	Grænseværdie (langvarig) (mg/m³)	98 mg/m³
Denmark	Grænseværdie (langvarig) (ppm)	20 ppm
Estonia	OEL TWA (mg/m³)	98 mg/m³
Estonia	OEL TWA (ppm)	20 ppm
Estonia	OEL STEL (mg/m³)	246 mg/m³
Estonia	OEL STEL (ppm)	50 ppm
Finland	HTP-arvo (8h) (mg/m³)	98 mg/m³
Finland	HTP-arvo (8h) (ppm)	20 ppm
Finland	HTP-arvo (15 min)	250 mg/m³
Finland	HTP-arvo (15 min) (ppm)	50 ppm
France	VME (mg/m³)	49 mg/m³ (restrictive limit)
France	VME (ppm)	10 ppm (restrictive limit)
France	VLE (mg/m³)	246 mg/m³ (restrictive limit)
France	VLE (ppm)	50 ppm (restrictive limit)
Germany	TRGS 900 Occupational exposure limit value (mg/m³)	49 mg/m³ (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Germany	TRGS 900 Occupational exposure limit value (ppm)	10 ppm (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)

2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)		
Germany	TRGS 903 (BGW)	100 mg/l Parameter: Butoxyacetic acid - Medium: urine - Sampling time: end of several shifts (for long-term exposures) 200 mg/l Parameter: Butoxyacetic acid - Medium: urine - Sampling time: end of several shifts (after hydrolysis)
Gibraltar	8h mg/m3	98 mg/m³
Gibraltar	8h ppm	20 ppm
Gibraltar	Short-term mg/m3	246 mg/m³
Gibraltar	Short-term ppm	50 ppm
Greece	OEL TWA (mg/m³)	120 mg/m³
Greece	OEL TWA (ppm)	25 ppm
Hungary	AK-érték	98 mg/m³
Hungary	CK-érték	246 mg/m³
Ireland	OEL (8 hours ref) (mg/m³)	98 mg/m³
Ireland	OEL (8 hours ref) (ppm)	20 ppm
Ireland	OEL (15 min ref) (mg/m3)	246 mg/m³
Ireland	OEL (15 min ref) (ppm)	50 ppm
Italy	OEL TWA (mg/m³)	98 mg/m³
Italy	OEL TWA (ppm)	20 ppm
Italy	OEL STEL (mg/m³)	246 mg/m³
Italy	OEL STEL (ppm)	50 ppm
Latvia	OEL TWA (mg/m³)	98 mg/m³
Latvia	OEL TWA (ppm)	20 ppm
Lithuania	IPRV (mg/m³)	50 mg/m³
Lithuania	IPRV (ppm)	10 ppm
Lithuania	TPRV (mg/m³)	100 mg/m³
Lithuania	TPRV (ppm)	20 ppm
Luxembourg	OEL TWA (mg/m³)	98 mg/m³
Luxembourg	OEL TWA (ppm)	20 ppm
Luxembourg	OEL STEL (mg/m³)	246 mg/m³
Luxembourg	OEL STEL (ppm)	50 ppm
Malta	OEL TWA (mg/m³)	98 mg/m³
Malta	OEL TWA (ppm)	20 ppm
Malta	OEL STEL (mg/m³)	246 mg/m³
Malta	OEL STEL (ppm)	50 ppm
Netherlands	Grenswaarde TGG 8H (mg/m³)	100 mg/m³
Netherlands	Grenswaarde TGG 15MIN (mg/m³)	246 mg/m³
Poland	NDS (mg/m³)	98 mg/m³
Poland	NDSCh (mg/m³)	200 mg/m³
Portugal	OEL TWA (mg/m³)	98 mg/m³ (indicative limit value)
Portugal	OEL TWA (ppm)	20 ppm (indicative limit value)
Portugal	OEL STEL (mg/m³)	246 mg/m³ (indicative limit value)
Portugal	OEL STEL (ppm)	50 ppm (indicative limit value)
Romania	OEL TWA (mg/m³)	98 mg/m³

2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)		
Romania	OEL TWA (ppm)	20 ppm
Romania	OEL STEL (mg/m³)	246 mg/m³
Romania	OEL STEL (ppm)	50 ppm
Slovakia	NPHV (priemerná) (mg/m³)	98 mg/m³
Slovakia	NPHV (priemerná) (ppm)	20 ppm
Slovakia	NPHV (Hraničná) (mg/m³)	246 mg/m³
Slovenia	OEL TWA (mg/m³)	98 mg/m³
Slovenia	OEL TWA (ppm)	20 ppm
Slovenia	OEL STEL (mg/m³)	245 mg/m³
Slovenia	OEL STEL (ppm)	50 ppm
Spain	VLA-ED (mg/m³)	98 mg/m³ (indicative limit value)
Spain	VLA-ED (ppm)	20 ppm (indicative limit value)
Spain	VLA-EC (mg/m³)	245 mg/m³
Spain	VLA-EC (ppm)	50 ppm
Sweden	nivågränsvärde (NVG) (mg/m³)	50 mg/m³
Sweden	nivågränsvärde (NVG) (ppm)	10 ppm
Sweden	kortidsvärde (KTV) (mg/m³)	246 mg/m³
Sweden	kortidsvärde (KTV) (ppm)	50 ppm
United Kingdom	WEL TWA (mg/m³)	123 mg/m³
United Kingdom	WEL TWA (ppm)	25 ppm
United Kingdom	WEL STEL (mg/m³)	246 mg/m³
United Kingdom	WEL STEL (ppm)	50 ppm
Norway	Grenseverdier (AN) (mg/m³)	50 mg/m³
Norway	Grenseverdier (AN) (ppm)	10 ppm
Norway	Grenseverdier (Korttidsverdi) (mg/m3)	75 mg/m³ (value calculated)
Norway	Grenseverdier (Korttidsverdi) (ppm)	15 ppm (value calculated)
Switzerland	VME (mg/m³)	49 mg/m³
Switzerland	VME (ppm)	10 ppm
Switzerland	VLE (mg/m³)	98 mg/m³
Switzerland	VLE (ppm)	20 ppm
Australia	TWA (mg/m³)	96,9 mg/m³
Australia	TWA (ppm)	20 ppm
Australia	STEL (mg/m³)	242 mg/m³
Australia	STEL (ppm)	50 ppm
Canada (Quebec)	VEMP (mg/m³)	97 mg/m³
Canada (Quebec)	VEMP (ppm)	20 ppm
USA - ACGIH	ACGIH TWA (ppm)	20 ppm
USA - IDLH	US IDLH (ppm)	700 ppm
USA - NIOSH	NIOSH REL (TWA) (mg/m³)	24 mg/m³
USA - NIOSH	NIOSH REL (TWA) (ppm)	5 ppm
USA - OSHA	OSHA PEL (TWA) (mg/m³)	240 mg/m³
USA - OSHA	OSHA PEL (TWA) (ppm)	50 ppm

Oleic acid (112-80-1)		
Bulgaria	OEL TWA (mg/m³)	10 mg/m³

morpholine (110-91-8)		
EU	IOELV TWA (mg/m³)	36 mg/m³
EU	IOELV TWA (ppm)	10 ppm
EU	IOELV STEL (mg/m³)	72 mg/m³
EU	IOELV STEL (ppm)	20 ppm
Austria	MAK (mg/m³)	36 mg/m³ (reaction with nitrosating agents can lead to formation of carcinogens N-Nitrosomorpholine)
Austria	MAK (ppm)	10 ppm (reaction with nitrosating agents can lead to formation of carcinogens N-Nitrosomorpholine)
Austria	MAK Short time value (mg/m³)	36 mg/m³
Austria	MAK Short time value (ppm)	10 ppm
Austria	OEL - Ceilings (mg/m³)	36 mg/m³
Austria	OEL - Ceilings (ppm)	10 ppm
Belgium	Limit value (mg/m³)	36 mg/m³
Belgium	Limit value (ppm)	10 ppm
Belgium	Short time value (mg/m³)	72 mg/m³
Belgium	Short time value	20 ppm
Bulgaria	OEL TWA (mg/m³)	36 mg/m³
Bulgaria	OEL TWA (ppm)	10 ppm
Bulgaria	OEL STEL (mg/m³)	72 mg/m³
Bulgaria	OEL STEL (ppm)	20 ppm
Croatia	GVI (granična vrijednost izloženosti) (mg/m³)	36 mg/m³
Croatia	GVI (granična vrijednost izloženosti) (ppm)	10 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m³)	72 mg/m³
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	20 ppm
Cyprus	OEL TWA (mg/m³)	36 mg/m³
Cyprus	OEL TWA (ppm)	10 ppm
Cyprus	OEL STEL (mg/m³)	72 mg/m³
Cyprus	OEL STEL (ppm)	20 ppm
Czech Republic	Expoziční limity (PEL) (mg/m³)	35 mg/m³
Denmark	Grænseværdie (langvarig) (mg/m³)	36 mg/m³
Denmark	Grænseværdie (langvarig) (ppm)	10 ppm
Estonia	OEL TWA (mg/m³)	36 mg/m³
Estonia	OEL TWA (ppm)	10 ppm
Estonia	OEL STEL (mg/m³)	72 mg/m³
Estonia	OEL STEL (ppm)	20 ppm
Finland	HTP-arvo (8h) (mg/m³)	36 mg/m³
Finland	HTP-arvo (8h) (ppm)	10 ppm
Finland	HTP-arvo (15 min)	72 mg/m³
Finland	HTP-arvo (15 min) (ppm)	20 ppm
France	VME (mg/m³)	36 mg/m³ (restrictive limit)
France	VME (ppm)	10 ppm (restrictive limit)
France	VLE (mg/m³)	72 mg/m³ (restrictive limit)
France	VLE (ppm)	20 ppm (restrictive limit)

morpholine (110-91-8)		
Germany	TRGS 900 Occupational exposure limit value (mg/m³)	36 mg/m³
Germany	TRGS 900 Occupational exposure limit value (ppm)	10 ppm
Gibraltar	8h mg/m3	36 mg/m³
Gibraltar	8h ppm	10 ppm
Gibraltar	Short-term mg/m3	72 mg/m³
Gibraltar	Short-term ppm	20 ppm
Greece	OEL TWA (mg/m³)	36 mg/m³
Greece	OEL TWA (ppm)	10 ppm
Greece	OEL STEL (mg/m³)	72 mg/m³
Greece	OEL STEL (ppm)	20 ppm
Hungary	AK-érték	36 mg/m³
Hungary	CK-érték	72 mg/m³
Ireland	OEL (8 hours ref) (mg/m³)	36 mg/m³
Ireland	OEL (8 hours ref) (ppm)	10 ppm
Ireland	OEL (15 min ref) (mg/m3)	72 mg/m³
Ireland	OEL (15 min ref) (ppm)	20 ppm
Italy	OEL TWA (mg/m³)	36 mg/m³
Italy	OEL TWA (ppm)	10 ppm
Italy	OEL STEL (mg/m³)	72 mg/m³
Italy	OEL STEL (ppm)	20 ppm
Latvia	OEL TWA (mg/m³)	36 mg/m³
Latvia	OEL TWA (ppm)	10 ppm
Lithuania	IPRV (mg/m³)	36 mg/m³
Lithuania	IPRV (ppm)	10 ppm
Lithuania	TPRV (mg/m³)	72 mg/m³
Lithuania	TPRV (ppm)	20 ppm
Luxembourg	OEL TWA (mg/m³)	36 mg/m³
Luxembourg	OEL TWA (ppm)	10 ppm
Luxembourg	OEL STEL (mg/m³)	72 mg/m³
Luxembourg	OEL STEL (ppm)	20 ppm
Malta	OEL TWA (mg/m³)	36 mg/m³
Malta	OEL TWA (ppm)	10 ppm
Malta	OEL STEL (mg/m³)	72 mg/m³
Malta	OEL STEL (ppm)	20 ppm
Netherlands	Grenswaarde TGG 8H (mg/m³)	36 mg/m³
Netherlands	Grenswaarde TGG 15MIN (mg/m³)	72 mg/m³
Poland	NDS (mg/m³)	36 mg/m³
Poland	NDSCh (mg/m³)	72 mg/m³
Portugal	OEL TWA (mg/m³)	36 mg/m³ (indicative limit value)
Portugal	OEL TWA (ppm)	10 ppm (indicative limit value)
Portugal	OEL STEL (mg/m³)	72 mg/m³ (indicative limit value)
Portugal	OEL STEL (ppm)	20 ppm (indicative limit value)

morpholine (110-91-8)		
Romania	OEL TWA (mg/m³)	36 mg/m³
Romania	OEL TWA (ppm)	10 ppm
Romania	OEL STEL (mg/m³)	72 mg/m³
Romania	OEL STEL (ppm)	20 ppm
Slovakia	NPHV (priemerná) (mg/m³)	36 mg/m³
Slovakia	NPHV (priemerná) (ppm)	10 ppm
Slovakia	NPHV (Hraničná) (mg/m³)	72 mg/m³
Slovenia	OEL TWA (mg/m³)	36 mg/m³
Slovenia	OEL TWA (ppm)	10 ppm
Slovenia	OEL STEL (mg/m³)	72 mg/m³
Slovenia	OEL STEL (ppm)	20 ppm
Spain	VLA-ED (mg/m³)	36 mg/m³ (indicative limit value)
Spain	VLA-ED (ppm)	10 ppm (indicative limit value)
Spain	VLA-EC (mg/m³)	72 mg/m³
Spain	VLA-EC (ppm)	20 ppm
Sweden	nivågränsvärde (NVG) (mg/m³)	35 mg/m³
Sweden	nivågränsvärde (NVG) (ppm)	10 ppm
Sweden	kortidsvärde (KTV) (mg/m³)	72 mg/m³
Sweden	kortidsvärde (KTV) (ppm)	20 ppm
United Kingdom	WEL TWA (mg/m³)	36 mg/m³
United Kingdom	WEL TWA (ppm)	10 ppm
United Kingdom	WEL STEL (mg/m³)	72 mg/m³
United Kingdom	WEL STEL (ppm)	20 ppm
Norway	Grenseverdier (AN) (mg/m³)	36 mg/m³
Norway	Grenseverdier (AN) (ppm)	10 ppm
Norway	Grenseverdier (Korttidsverdi) (mg/m3)	54 mg/m³ (value calculated)
Norway	Grenseverdier (Korttidsverdi) (ppm)	15 ppm (value calculated)
Switzerland	VME (mg/m³)	36 mg/m³
Switzerland	VME (ppm)	10 ppm
Switzerland	VLE (mg/m³)	72 mg/m³
Switzerland	VLE (ppm)	20 ppm
Australia	TWA (mg/m³)	71 mg/m³
Australia	TWA (ppm)	20 ppm
Canada (Quebec)	VEMP (mg/m³)	71 mg/m³
Canada (Quebec)	VEMP (ppm)	20 ppm
USA - ACGIH	ACGIH TWA (ppm)	20 ppm
USA - IDLH	US IDLH (ppm)	1400 ppm (10% LEL)
USA - NIOSH	NIOSH REL (TWA) (mg/m³)	70 mg/m³
USA - NIOSH	NIOSH REL (TWA) (ppm)	20 ppm
USA - NIOSH	NIOSH REL (STEL) (mg/m³)	105 mg/m³
USA - NIOSH	NIOSH REL (STEL) (ppm)	30 ppm
USA - OSHA	OSHA PEL (TWA) (mg/m³)	70 mg/m³
USA - OSHA	OSHA PEL (TWA) (ppm)	20 ppm

propane (74-98-6)		
Austria	MAK (mg/m³)	1800 mg/m³
Austria	MAK (ppm)	1000 ppm
Austria	MAK Short time value (mg/m³)	3600 mg/m³
Austria	MAK Short time value (ppm)	2000 ppm
Belgium	Limit value (ppm)	1000 ppm (gas)
Bulgaria	OEL TWA (mg/m³)	1800 mg/m³
Denmark	Grænseværdie (langvarig) (mg/m³)	1800 mg/m³
Denmark	Grænseværdie (langvarig) (ppm)	1000 ppm
Estonia	OEL TWA (mg/m³)	1800 mg/m³
Estonia	OEL TWA (ppm)	1000 ppm
Finland	HTP-arvo (8h) (mg/m³)	1500 mg/m³
Finland	HTP-arvo (8h) (ppm)	800 ppm
Finland	HTP-arvo (15 min)	2000 mg/m³
Finland	HTP-arvo (15 min) (ppm)	1100 ppm
Germany	TRGS 900 Occupational exposure limit value (mg/m³)	1800 mg/m³
Germany	TRGS 900 Occupational exposure limit value (ppm)	1000 ppm
Greece	OEL TWA (mg/m³)	1800 mg/m³
Greece	OEL TWA (ppm)	1000 ppm
Ireland	OEL (8 hours ref) (ppm)	1000 ppm
Ireland	OEL (15 min ref) (ppm)	3000 ppm (calculated)
Latvia	OEL TWA (mg/m³)	1800 mg/m³
Latvia	OEL TWA (ppm)	1000 ppm
Poland	NDS (mg/m³)	1800 mg/m³
Portugal	OEL TWA (ppm)	1000 ppm
Romania	OEL TWA (mg/m³)	1400 mg/m³
Romania	OEL TWA (ppm)	778 ppm
Romania	OEL STEL (mg/m³)	1800 mg/m³
Romania	OEL STEL (ppm)	1000 ppm
Slovenia	OEL TWA (mg/m³)	1800 mg/m³
Slovenia	OEL TWA (ppm)	1000 ppm
Slovenia	OEL STEL (mg/m³)	7200 mg/m³
Slovenia	OEL STEL (ppm)	4000 ppm
Norway	Grenseverdier (AN) (mg/m³)	900 mg/m³
Norway	Grenseverdier (AN) (ppm)	500 ppm
Norway	Grenseverdier (Korttidsverdi) (mg/m3)	1125 mg/m³ (value calculated)
Norway	Grenseverdier (Korttidsverdi) (ppm)	625 ppm (value calculated)
Switzerland	VME (mg/m³)	1800 mg/m³
Switzerland	VME (ppm)	1000 ppm
Switzerland	VLE (mg/m³)	7200 mg/m³
Switzerland	VLE (ppm)	4000 ppm
Canada (Quebec)	VEMP (mg/m³)	1800 mg/m³
Canada (Quebec)	VEMP (ppm)	1000 ppm

propane (74-98-6)		
USA - IDLH	US IDLH (ppm)	2100 ppm (10% LEL)
USA - NIOSH	NIOSH REL (TWA) (mg/m³)	1800 mg/m³
USA - NIOSH	NIOSH REL (TWA) (ppm)	1000 ppm
USA - OSHA	OSHA PEL (TWA) (mg/m³)	1800 mg/m³
USA - OSHA	OSHA PEL (TWA) (ppm)	1000 ppm

8.2. Exposure controls

Engineering measure(s) : Provide adequate ventilation. Organisational measures to prevent /limit releases, dispersion and exposure. Safe handling: see section 7 . Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use only outdoors or in a well-ventilated area. Store locked up. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges.

Personal protective equipment : The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hand protection : Chemical resistant gloves (according to European standard NF EN 374 or equivalent). Suitable material: The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Eye protection : Use suitable eye protection (EN166): Goggles. face shield

Body protection : Wear suitable protective clothing

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Half-face mask (DIN EN 140). full face mask (DIN EN 136). Filter type: ABEK + P. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used. (EN 137)

Thermal hazard protection : Not required for normal conditions of use. Use dedicated equipment.

Environmental exposure controls : Avoid release to the environment. Comply with applicable Community environmental protection legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : liquid

Appearance : aerosol.

Colour : No data available.

Odour : No data available.

Odour threshold : No data available

pH : No data available

Relative evaporation rate (butylacetate=1) : No data available

Melting / freezing point : No data available

Freezing point : No data available

Initial boiling point and boiling range : No data available

Flash point : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : Extremely flammable aerosol.

Vapour pressure : No data available

Vapour density	:	No data available
Relative density	:	No data available
Solubility	:	No data available. Water: No data available
Partition coefficient n-octanol/water	:	No data available
Kinematic viscosity	:	No data available
Dynamic viscosity	:	No data available
Explosive properties	:	Not applicable. The study does not need to be conducted because there are no chemical groups associated with explosive properties present in the molecule.
Oxidising properties	:	Not applicable. The classification procedure needs not to be applied because there are no chemical groups present in the molecule which are associated with oxidising properties.
Explosive limits	:	No data available

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol. Reference to other sections 10.4 & 10.5.

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

10.3. Possibility of hazardous reactions

Will ignite if exposed to intensive heat and air. Extreme risk of explosion by shock, friction, fire or other sources of ignition.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid temperature above 50. Safe handling: see section 7.

10.5. Incompatible materials

oxidising substances. Safe handling: see section 7.

10.6. Hazardous decomposition products

Reference to other sections 5.2.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified (Based on available data, the classification criteria are not met.)

Solvent naphtha (petroleum), heavy arom. (64742-94-5)	
LD50/oral/rat	> 5000 mg/kg
LD50/dermal/rabbit	> 2 ml/kg
LC50/inhalation/4h/rat	> 590 mg/m³ (Exposure time: 4 h)

2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)	
LD50/oral/rat	470 mg/kg
LC50/inhalation/4h/rat (ppm)	450 ppm/4h

Oleic acid (112-80-1)	
LD50/oral/rat	25 g/kg

morpholine (110-91-8)	
LD50/oral/rat	1050 mg/kg
LC50/inhalation/4h/rat (ppm)	8000 ppm (Exposure time: 8 h)

propane (74-98-6)	
LC50/inhalation/4h/rat	658 mg/l/4h

Skin corrosion/irritation : Causes skin irritation.
pH: No data available

Serious eye damage/irritation : Causes serious eye damage.
pH: No data available

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met.)

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met.)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met.)

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met.)

STOT-single exposure : May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met.)

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met.)

Power Tune® - Internal Engine Cleaner	
Vaporizer	Aerosol

Other information : Symptoms related to the physical, chemical and toxicological characteristics. For further information see section 4.

SECTION 12: Ecological information

12.1. Toxicity

Environmental properties : Toxic to aquatic life with long lasting effects.

Solvent naphtha (petroleum), heavy arom. (64742-94-5)	
LC50 fish 1	19 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	0,95 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	2,34 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)

2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)	
LC50 fish 1	1490 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	2950 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)

Oleic acid (112-80-1)	
LC50 fish 1	205 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

morpholine (110-91-8)	
LC50 fish 1	350 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
LC50 fish 2	375 - 460 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)

12.2. Persistence and degradability

Power Tune® - Internal Engine Cleaner	
Persistence and degradability	No data available.

2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)	
Biochemical oxygen demand (BOD)	(BOD-5) 1,3 g O_2/g substance
Chemical oyxgen demand (COD)	2,18 g O_2/g substance

12.3. Bioaccumulative potential

Power Tune® - Internal Engine Cleaner	
Partition coefficient n-octanol/water	No data available

Solvent naphtha (petroleum), heavy arom. (64742-94-5)	
BCF fish 1	61 - 159

Solvent naphtha (petroleum), heavy arom. (64742-94-5)	
Partition coefficient n-octanol/water	2,9 - 6,1

2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)	
Partition coefficient n-octanol/water	0,81 (at 25 °C)

morpholine (110-91-8)	
BCF fish 1	0,3 - 2,8
Partition coefficient n-octanol/water	-2,55 (at 25 °C)

propane (74-98-6)	
Partition coefficient n-octanol/water	2,3

12.4. Mobility in soil

Power Tune® - Internal Engine Cleaner	
Ecology - soil	No data available.

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

Additional information : No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Do not allow to enter into surface water or drains. Dispose of empty containers and wastes safely. Safe handling: see section 7. Refer to manufacturer/supplier for information on recovery/recycling. Recycling is preferred to disposal or incineration. If recycling is not possible, eliminate in accordance with local valid waste disposal regulations.

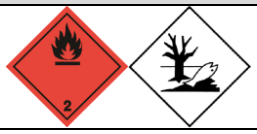
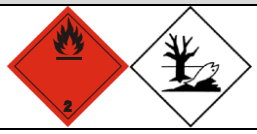
Additional information : Never use pressure to empty container. Handle contaminated packages in the same way as the substance itself. Dispose of contaminated materials in accordance with current regulations. Do not burn, or use a cutting torch on, the empty drum. Do not puncture or incinerate.

European waste catalogue (2001/573/EC, 75/442/EEC, 91/689/EEC) : This material and its container must be disposed of as hazardous waste
Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
1950	1950	1950	1950	1950
14.2. UN proper shipping name				
AEROSOLS	AEROSOLS	Aerosols, flammable	AEROSOLS	AEROSOLS
Transport document description				
UN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 1950 Aerosols, flammable, 2.1, ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es)				
2.1	2.1	2.1	2.1	2.1

ADR	IMDG	IATA	ADN	RID
				
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes
No supplementary information available				

14.6. Special precautions for user

Special precautions for user : No data available

- Overland transport

Classification code (ADR) : 5F
Special provisions : 190, 327, 344, 625
Limited quantities (ADR) : 1l
Excepted quantities (ADR) : E0
Packing instructions (ADR) : P207, LP02
Special packing provisions (ADR) : PP87, RR6, L2
Mixed packing provisions (ADR) : MP9
Transport category (ADR) : 2
Special provisions for carriage - Packages (ADR) : V14
Special provisions for carriage - Loading, unloading and handling (ADR) : CV9, CV12
Special provisions for carriage - Operation (ADR) : S2
Tunnel restriction code : D

- Transport by sea

Special provisions (IMDG) : 63, 190, 277, 327, 344, 959
Limited quantities (IMDG) : SP277
Excepted quantities (IMDG) : E0
Packing instructions (IMDG) : P207, LP02
Special packing provisions (IMDG) : PP87, L2
EmS-No. (Fire) : F-D
EmS-No. (Spillage) : S-U
Stowage category (IMDG) : None

- Air transport

PCA Excepted quantities (IATA) : E0
PCA Limited quantities (IATA) : Y203
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 203
PCA max net quantity (IATA) : 75kg
CAO packing instructions (IATA) : 203
CAO max net quantity (IATA) : 150kg

Special provisions (IATA) : A145, A167
ERG code (IATA) : 10L

- Inland waterway transport

Classification code (ADN) : 5F
Special provisions (ADN) : 19, 327, 344, 625
Limited quantities (ADN) : 1 L
Excepted quantities (ADN) : E0
Equipment required (ADN) : PP, EX, A
Ventilation (ADN) : VE01, VE04
Number of blue cones/lights (ADN) : 1

- Rail transport

Classification code (RID) : 5F
Special provisions (RID) : 190, 327, 344, 625
Limited quantities (RID) : 1L
Excepted quantities (RID) : E0
Packing instructions (RID) : P207, LP02
Special packing provisions (RID) : PP87, RR6, L2
Mixed packing provisions (RID) : MP9
Transport category (RID) : 2
Special provisions for carriage – Packages (RID) : W14
Special provisions for carriage - Loading, unloading and handling (RID) : CW9, CW12
Colis express (express parcels) (RID) : CE2
Hazard identification number (RID) : 23

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	Power Tune® - Internal Engine Cleaner - Solvent naphtha (petroleum), heavy arom. - 2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve - morpholine - Oleic acid
3(a) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F	Power Tune® - Internal Engine Cleaner - morpholine
3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	Power Tune® - Internal Engine Cleaner - Solvent naphtha (petroleum), heavy arom. - 2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve - morpholine - Oleic acid
3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	Power Tune® - Internal Engine Cleaner - Solvent naphtha (petroleum), heavy arom.
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	morpholine - propane

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Labelling for contents according to regulation (EC) No. 648/2004 : >= 30% aromatic hydrocarbons
>= 5% soap < 15%

Regulation (EC) No. 648/2004 (Detergents regulation) : applicable

15.1.2. National regulations

France

No ICPE	Installations classées Désignation de la rubrique	Code Régime	Rayon
4511.text	Dangereux pour l'environnement aquatique de catégorie chronique 2.		
4511.1	La quantité totale susceptible d'être présente dans l'installation étant : 1. Supérieure ou égale à 200 t Quantité seuil bas au sens de l'article R. 511-10 : 200 t. Quantité seuil haut au sens de l'article R. 511-10 : 500 t.	A	1
4511.2	La quantité totale susceptible d'être présente dans l'installation étant : 2. Supérieure ou égale à 100 t mais inférieure à 200 t Quantité seuil bas au sens de l'article R. 511-10 : 200 t. Quantité seuil haut au sens de l'article R. 511-10 : 500 t.	DC	

Germany

VwVwS Annex reference : Water hazard class (WGK) 2, hazard to waters (Classification according to VwVwS, Annex 4)

German storage class (LGK) : LGK 2B - Aerosols

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

Waterbezwaarlijkheid : 6 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Saneringsinspanningen : A - In principe niet lozen; zo ja, dan toepassen van beste bestaande technieken

SZW-lijst van kankerverwekkende stoffen : Solvent naphtha (petroleum), heavy arom. is listed

SZW-lijst van mutagene stoffen : Solvent naphtha (petroleum), heavy arom. is listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

Denmark

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product

Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

Chemical safety assessments for substances in this preparation were not carried out.

SECTION 16: Other information

Indication of changes:
Safety datasheet sections which have been updated : 1,2,3,5,11,14,15,16.

7.2	Special rules on packaging	Removed	

Abbreviations and acronyms:

	ABM = Algemene beoordelingsmethodiek
	ADN = Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route CLP = Classification, Labelling and Packaging Regulation according to 1272/2008/EC IATA = International Air Transport Association IMDG = International Maritime Dangerous Goods Code LEL = Lower Explosive Limit/Lower Explosion Limit UEL = Upper Explosion Limit/Upper Explosive Limit REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
	BTT = Breakthrough time :
	DMEL = Derived Minimal Effect level
	DNEL = Derived No Effect Level
	EC50 = Median Effective Concentration
	EL50 = Median effective level
	ErC50 = EC50 in terms of reduction of growth rate
	ErL50 = EL50 in terms of reduction of growth rate
	EWC = European waste catalogue
	LC50 = Median lethal concentration
	LD50 = Median lethal dose
	LL50 = Median lethal level
	NA = Not applicable
	NOEC = No observed effect concentration
	NOEL: no-observed-effect level
	NOELR = No observed effect loading rate
	NOAEC = No observed adverse effect concentration
	NOAEL = No observed adverse effect level
	N.O.S. = Not Otherwise Specified
	OEL = Occupational Exposure Limits - Short Term Exposure Limits (STELs)
	PNEC = Predicted No-Effect Concentration
	Quantitative structure-activity relationship (QSAR)
	STOT = Specific Target Organ Toxicity
	TWA = time weighted average
	VOC = Volatile organic compounds (VOC) :
	WGK = Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act)

Sources of key data used to compile the datasheet : ECHA, MSDS (Supplier), Loli.

Training advice : Training staff on good practice.

Other information : Assessment/classification CLP. Article 9. Calculation method.

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 Category 4
Aerosol 1	Aerosol, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - chronic hazard category 2
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Flam. Gas 1	Flammable gases, hazard category 1
Flam. Liq. 3	Flammable liquids, Category 3
Press. Gas (Liq.)	Gases under pressure : Liquefied gas

Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H226	Flammable liquid and vapour.
H229	Pressurised container. May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Labelling according to Regulation (EC) No. 1272/2008 [CLP]