

SECTION1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product code : LPL1002M 35602036
Product line: MOUSSE ROSE

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

Ambience fragrance.

Sectors of use: Private households (= general public = consumers)[SU21], Professional use[SU22]

Uses advised against: Do not use for purposes other than those listed

1.3. Details of the supplier of the safety data sheet

ITALSCENT S.r.l.
Sede Legale: Via Verdi, 15 - 46019 Viadana (Mn) - Italy
Sede Operativa: Via P. V. Marone, 8 - 46010 Marcara (Mn) - Italy
Tel. +39 0376 924067 - Fax +39 0376 97331
C.F. e P. Iva 01171160110
Web: www.italscent.com E-Mail : info@italscent.com

1.4. Emergency telephone number

CENTRI ANTIVELENO ITALIANI:

Napoli (CAV - A.O.R.N. Cardarelli): 081-5453333/747287

Pordenone (Az. Osp. S.M. degli Angeli): 0434-3991-

Trieste (Ist. per l'Infanza "Burlo Garofalo"): 040-3785373

Roma (CAV - Policlinico "A.Gemelli" - Univ. Cattolica S.Cuore"): 06-3054343

Roma (CAV - Ist. di Anestesiologia e Rianimazione Univ. degli Studi di Roma "La Sapienza"): 06-490663

Roma (Osp. Pediatrico "Bambino Gesù" - DEA - U.O. di Anestesia e Rianimazione): 06-68592763

Genova (Osp. San Martino): 010-352808

Genova (Osp. pediatrico "Ist. Giannina Gaslini" Servizio Prevenzione): 010-5636245

Pavia (CAV - Univ. degli Studi di Pavia, IRCCS Fondazione Maugeri): 0382-24444 (Urgenze) 0382-26261

Bergamo (CAV - Osp. Riuniti): clintox@Osp.riuniti.bergamo.it

Ancona (INRCA -Istit.ricov. e cura a carattere scient.): 071-8001

Torino (CAV c/o Az. Sanitaria Ospedaliera S.Giovanni Battista Osp. "Molinette"): 011-6637637

Lecce (Osp. V. Fazzi): 0832-351105

Palermo (Centro di Rif.Reg.Tossic.Clinica-UO Anest.e Rianim.Osp.Buccheri La Ferla, Fatebenefratelli):

091-479499 Catania (Rianimaz."Antonella Caruso"-Osp.Garibaldi-Dip.di Emergenza): 095-7594032 - 800410989

N.verde Firenze (CAV c/o U.O. Tossicologia Az.OspedalieraCareggi): 055-7947819

IPCS: http://www.who.int/gho/phe/chemical_safety/poisons_centres/en/index.html

Tel. +39 0376 924067 (Orari d'ufficio)

SECTION2. Hazards identification

2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:
GHS07, GHS09

Hazard Class and Category Code(s):
Skin Sens. 1B, Aquatic Chronic 2

Hazard statement Code(s):

H317 - May cause an allergic skin reaction.
H411 - Toxic to aquatic life with long lasting effects.

The product, if brought into contact with skin can cause skin sensitization.
The product is dangerous to the environment as it is toxic to aquatic life with long lasting effects

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):
GHS07, GHS09 - Warning



Hazard statement Code(s):
H317 - May cause an allergic skin reaction.
H411 - Toxic to aquatic life with long lasting effects.

Supplemental Hazard statement Code(s):
not applicable

Precautionary statements:

General

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

Prevention

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302+P352 - IF ON SKIN: Wash with plenty of water.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

Contains:

BUTYLPHENYL METHYLPROPIONAL, CITRONELLOL, ALPHA ISOMETHYL IONONE, BENZYL SALICYLATE, LINALOOL, PARA-TERT-BUTYLCYCLOHEXYL ACETATE, COUMARIN, Allyl phenoxyacetate, 2-METHYL-3-(p-ISOPROPYLPHENYL) PROPIONALDEHYDE, HEXYL CINNAMAL, GERANIOL

2.3. Other hazards

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

No information on other hazards

SECTION3. Composition/information on ingredients

3.1 Substances

Refer to paragraph 16 for full text of hazard statements

Substance	Concentration	Classification	Identificativi
1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-H EXAMETHYLINDENO[5,6-C]PYRAN	> 10 <= 20%	Aquatic Acute 1, H400; Aquatic Chronic 1, H410	CE 603-212-00-7 CAS 1222-05-5 EINECS 214-946-9 REACH 01-2119488227-29
BUTYLPHENYL METHYLPROPIONAL	> 1 < 3%	Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1B, H317; Repr. 2, H361; Aquatic Chronic 2, H411	CE CAS 80-54-6 EINECS 201-289-8 REACH 01-2119485965-18
PHENETHYL ALCOHOL	> 1 <= 5%	Acute Tox. 4, H302; Eye Irrit. 2, H319	CE

Substance	Concentration	Classification	Identificativi
			CAS 60-12-8 EINECS 200-456-2 REACH 01-2119963921-31
CITRONELLOL	> 1 <= 5%	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Irrit. 2, H319	CE CAS 106-22-9 EINECS 203-375-0 REACH 01-2119453995-23
ALPHA ISOMETHYL IONONE	> 1 <= 5%	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Irrit. 2, H319; Aquatic Chronic 2, H411	CE CAS 127-51-5 EINECS 204-846-3 REACH 01-2119971571-34
BENZYL ACETATE	> 1 <= 5%	Aquatic Chronic 3, H412	CE CAS 140-11-4 EINECS 201-265-7 REACH 01-2119638272-42
LINALOOL	> 0,5 <= 1%	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Irrit. 2, H319	CE CAS 78-70-6 EINECS 201-134-4 REACH 01-2119474016-42
BENZYL SALICYLATE	> 0,5 <= 1%	Skin Sens. 1, H317; Eye Irrit. 2, H319; Aquatic Chronic 3, H412	CE CAS 118-58-1 EINECS 204-262-9 REACH 01-2119969442-31
REACTION PRODUCT of 2METIL BUTYL SILICATE and PENTYL SILICATE	> 0,5 <= 1%	Acute Tox. 4, H302; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	CE CAS EINECS 911-280-7 REACH 01-2119969444-27
PARA-TERT-BUTYLCYCLOHEXYL ACETATE	> 0,1 <= 0,5%	Skin Sens. 1B, H317	CE CAS 32210-23-4 EINECS 250-954-9 REACH 01-2119976286-24
6-ACETYL-1,1,2,4,4,7-HEXAMETHYL-TETRALIN	> 0,1 <= 0,5%	Acute Tox. 4, H302; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	CE CAS 1506-02-1 EINECS 244-240-6 REACH 01-2119539433-30
COUMARIN	> 0,1 <= 0,5%	Acute Tox. 3, H301; Acute Tox. 3, H311; Skin Sens. 1B, H317; Acute Tox. 3, H331; Aquatic Chronic 2, H411	CE CAS 91-64-5 EINECS 202-086-7 REACH 01-2119943756-26
Allyl phenoxyacetate	> 0,1 <= 0,5%	Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; Skin Sens. 1B, H317	CE CAS 7493-74-5 EINECS 231-335-2 REACH
2-METHYL-3-(p-ISOPROPYLPHENYL) PROPIONALDEHYDE	> 0,1 <= 0,5%	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	CE CAS 103-95-7 EINECS 203-161-7 REACH 01-2119970582-32
HEXYL CINNAMAL	> 0,1 <= 0,5%	Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	CE CAS 101-86-0 EINECS 202-983-3 REACH 01-2119533092-50
GERANIOL	> 0,1 <= 0,5%	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Dam. 1, H318	CE CAS 106-24-1 EINECS 203-377-1 REACH 01-2119552430-49

3.2 Mixtures

Irrilevant

SECTION4. First aid measures

4.1. Description of first aid measures

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

Direct contact with skin (of the pure product):

In case of contact with skin, wash immediately with water.

Direct contact with eyes (of the pure product):

Do not use eye drops or ointments of any kind before the examination or advice from an oculist.

Ingestion:

Rinse mouth with water of the subject. Consult a physician.

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

No data available.

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

If skin irritation or rash occurs: Get medical advice/attention.

If medical advice is needed, have product container or label at hand.

SECTION5. Firefighting measures

5.1. Extinguishing media

Advised extinguishing agents:

Water spray, CO2, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

SECTION6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:

Wear mask, gloves and protective clothing.

6.1.2 For emergency responders:

Wear mask, gloves and protective clothing.

Eliminate all unguarded flames and possible sources of ignition. No smoking.
Provision of sufficient ventilation.
Evacuate the danger area and, in case, consult an expert.

6.2. Environmental precautions

Contain spill with earth or sand.
If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the the authorities.
Discharge the remains in compliance with the regulations

6.3. Methods and material for containment and cleaning up

6.3.1 For containment:
Rapidly recover the product, wear a mask and protective clothing
Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.
Prevent it from entering the sewer system.

6.3.2 For cleaning up:
After wiping up, wash the area and materials involved

6.3.3 Other information:
None in particular.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

SECTION7. Handling and storage

7.1. Precautions for safe handling

Avoid contact and inhalation of vapors
Wear protective gloves/protective clothing/eye protection/face protection.
At work do not eat or drink.
Contaminated work clothing should not be allowed out of the workplace.
See also paragraph 8 below.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers.
Keep containers upright and safe by avoiding the possibility of falls or collisions.
Store in a cool place, away from sources of heat and `direct exposure of sunlight.

7.3. Specific end use(s)

Private households (= general public = consumers):
Handle in a well ventilated area.

Professional use:
Follow the rules of good hygiene in the workplace.

SECTION8. Exposure controls/personal protection

8.1. Control parameters

- Substance: PHENETHYL ALCOHOL
DNEL

Systemic effects Long term Workers inhalation = 59,9 (mg/m³)
Systemic effects Long term Workers dermal = 51,2 (mg/kg bw/day)
Systemic effects Long term Consumers inhalation = 17,7 (mg/m³)
Systemic effects Long term Consumers dermal = 12,7 (mg/kg bw/day)
Systemic effects Long term Consumers oral = 5,1 (mg/kg bw/day)

- Substance: CITRONELLOL

DNEL

Systemic effects Long term Workers inhalation = 161,6 (mg/m³)
Systemic effects Long term Workers dermal = 327,4 (mg/kg bw/day)
Systemic effects Long term Consumers inhalation = 47,8 (mg/m³)
Systemic effects Long term Consumers dermal = 196,4 (mg/kg bw/day)
Systemic effects Long term Consumers oral = 13,8 (mg/kg bw/day)

PNEC

Sweet water = 0,000002 (mg/l)
sediment Sweet water = 0,0256 (mg/kg/sediment)
Sea water = 0,000002 (mg/l)
sediment Sea water = 0,00256 (mg/kg/sediment)
STP = 580 (mg/l)
ground = 0,00321 (mg/kg ground)

- Substance: BENZYL ACETATE

DNEL

Systemic effects Long term Workers inhalation = 21,9 (mg/m³)
Systemic effects Long term Workers dermal = 6,25 (mg/kg bw/day)
Systemic effects Long term Consumers inhalation = 5,5 (mg/m³)
Systemic effects Long term Consumers dermal = 3,125 (mg/kg bw/day)
Systemic effects Long term Consumers oral = 3,125 (mg/kg bw/day)

PNEC

Sweet water = 0,000004 (mg/l)
sediment Sweet water = 0,114 (mg/kg/sediment)
sediment Sea water = 0,0114 (mg/kg/sediment)
STP = 8,55 (mg/l)
ground = 0,0205 (mg/kg ground)

- Substance: LINALOOL

DNEL

Systemic effects Long term Workers inhalation = 2,8 (mg/m³)
Systemic effects Long term Workers dermal = 2,5 (mg/kg bw/day)
Systemic effects Long term Consumers inhalation = 0,7 (mg/m³)
Systemic effects Long term Consumers dermal = 1,25 (mg/kg bw/day)
Systemic effects Long term Consumers oral = 0,2 (mg/kg bw/day)
Systemic effects Short term Consumers inhalation = 4,1 (mg/m³)
Systemic effects Short term Consumers dermal = 2,5 (mg/kg bw/day)
Systemic effects Short term Consumers oral = 1,2 (mg/kg bw/day)
Local effects Long term Workers dermal = 15 (mg/kg bw/day)
Local effects Long term Consumers dermal = 15 (mg/kg bw/day)
Local effects Short term Workers dermal = 15 (mg/kg bw/day)
Local effects Short term Consumers dermal = 15 (mg/kg bw/day)

PNEC

Sweet water = 0,2 (mg/l)
sediment Sweet water = 2,22 (mg/kg/sediment)
Sea water = 0,02 (mg/l)
sediment Sea water = 0,22 (mg/kg/sediment)
intermittent emissions = 2 (mg/l)
STP = 10 (mg/l)

ground = 0,327 (mg/kg ground)

- Substance: PARA-TERT-BUTYLCYCLOHEXYL ACETATE
PNEC

Sweet water = 0,0053 (mg/l)

sediment Sweet water = 2,1 (mg/kg/sediment)

Sea water = 0,00053 (mg/l)

sediment Sea water = 0,21 (mg/kg/sediment)

STP = 12,2 (mg/l)

ground = 0,42 (mg/kg ground)

8.2. Exposure controls

Appropriate engineering controls:

Observe the safety measures used in handling chemicals.

Individual protection measures:

a) Eye / face protection
Not needed for normal use.

b) Skin protection

i) Hand protection
Not needed for normal use.

ii) Other
When handling the pure product wear full protective skin clothing.

c) Respiratory protection
Not needed for normal use.

d) Thermal hazards
No hazard to report

Environmental exposure controls:

Use according to good working practices to avoid pollution into the environment.

SECTION9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value
Appearance	Limpid liquid
Odour	Characteristic
Odour threshold	Undefined
pH	Undefined
Melting point/freezing point	Undefined
Initial boiling point and boiling range	Undefined
Flash point	Undefined

Physical and chemical properties	Value
Evaporation rate	Undefined
Flammability (solid, gas)	Undefined
Upper/lower flammability or explosive limits	Undefined
Vapour pressure	Undefined
Vapour density	Undefined
Relative density	1,010-1,030g/mL
Solubility	Undefined
Water solubility	Undefined
Partition coefficient: n-octanol/water	Undefined
Auto-ignition temperature	Undefined
Decomposition temperature	Undefined
Viscosity	Undefined
Explosive properties	Undefined
Oxidising properties	Undefined

9.2. Other information

No data available.

SECTION 10. Stability and reactivity

10.1. Reactivity

No reactivity hazards

10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

10.3. Possibility of hazardous reactions

There are no hazardous reactions

10.4. Conditions to avoid

Nothing to report

10.5. Incompatible materials

None in particular.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11. Toxicological information

11.1. Information on toxicological effects

ATE oral = 16.650,7 mg/kg
ATE dermal = 100.000,0 mg/kg
ATE inhal = ∞

- (a) acute toxicity: based on available data, the classification criteria are not met.
- (b) skin corrosion/irritation LINALOOL: Irritant (rabbit)
- (c) serious eye damage/irritation: LINALOOL: Irritant (rabbit)
- (d) respiratory or skin sensitization: The product, if brought into contact with skin can cause skin sensitization.
- (e) germ cell mutagenicity: based on available data, the classification criteria are not met.
- (f) carcinogenicity: based on available data, the classification criteria are not met.
- (g) reproductive toxicity: based on available data, the classification criteria are not met.
- (h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not met.
- (i) specific target organ toxicity (STOT) repeated exposure: based on available data, the classification criteria are not met.
- (j) aspiration hazard: based on available data, the classification criteria are not met.

Related to contained substances:

BUTYLPHENYL METHYLPROPIONAL:

LD50 (rat) Oral (mg/kg body weight) = 1390

PHENETHYL ALCOHOL:

LD50 (rat) Oral (mg/kg body weight) = 1790

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 806

CITRONELLOL:

LD50 (rat) Oral (mg/kg body weight) = 3450

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 2650

BENZYL ACETATE:

LD50 (rat) Oral (mg/kg body weight) = 3690

LINALOOL:

LD50 (rat) Oral (mg/kg body weight) = 2790

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 5160

BENZYL SALICYLATE:

LD50 (rat) Oral (mg/kg body weight) = 2230

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 14150

PARA-TERT-BUTYLCYCLOHEXYL ACETATE:

LD50 (rat) Oral (mg/kg body weight) = 3886

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 4681

6-ACETYL-1,1,2,4,4,7-HEXAMETHYL-TETRALIN:

LD50 (rat) Oral (mg/kg body weight) = 964

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 6740

COUMARIN:

LD50 (rat) Oral (mg/kg body weight) = 293

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 242

2-METHYL-3-(p-ISOPROPYLPHENYL) PROPIONALDEHYDE:

LD50 (rat) Oral (mg/kg body weight) = 3810

HEXYL CINNAMAL:

LD50 (rat) Oral (mg/kg body weight) = 3100

GERANIOL:

LD50 (rat) Oral (mg/kg body weight) = 3600

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 5000

SECTION 12. Ecological information

12.1. Toxicity

Related to contained substances:

1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYLINDENO[5,6-C]PYRAN:

LC50 = 0,47mg/L (defnie, 48 h)

EC50 > 0,9mg/L (daphnia magna, 48 h)

C(E)L50 (mg/l) = 0,47

BUTYLPHENYL METHYLPROPIONAL:

LC50 = 2.04mg/L (fish, 96h)

EC50 = 10.7mg/L (daphnia, 48h)

EC50 = 29.16mg/L (algae, 72h)

PHENETHYL ALCOHOL:

LC50 = 215mg/L (fish, 96h)

EC50 = 287.17mg/L (48h)

EC50 = 1300mg/L (algae, 72h)

BENZYL ACETATE:

LC50 = 4mg/L (fish, 96h)

EC50 = 17mg/L (daphnia, 48h)

EC50 = 110mg/L (algae, 72h)

C(E)L50 (mg/l) = 11

LINALOOL:

LC50 = 27.8 mg/L (fish, 96h)

EC50 = 59mg/L (daphnia, 48h)

EC50 = 88.3 mg/L (algae, 96h)

6-ACETYL-1,1,2,4,4,7-HEXAMETHYL-TETRALIN:

LC50 = 1, 49mg/mL (fish, 83d)

EC50 = 0, 072mg/L (fish, brachydanio rhenium, 144h)

C(E)L50 (mg/l) = 1,49

COUMARIN:

LC50 = 1.324mg/L (fish, 96h)

EC50 = 8.012mg/L (Daphnia, 48h)

EC50 = 1.452mg/L (algae, 96h)

The product is dangerous for the environment as it is toxic to aquatic organisms following acute exposure. Use according to good working practices to avoid pollution into the environment.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

12.6. Other adverse effects

No adverse effects

SECTION13. Disposal considerations

13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies. Recover if possible. Operate according to local or national regulations

SECTION14. Transport information

14.1. UN number

ADR/RID/IMDG/ICAO-IATA: 3082



If subject to the following characteristics is ADR exempt:

Combination packagings: per inner packaging 5 L per package 30 Kg

Inner packagings placed in skrink-wrapped or stretch-wrapped trays: per inner packaging 5 L per package 20 Kg

14.2. UN proper shipping name

ADR/RID/IMDG: MATERIA PERICOLOSA PER L'AMBIENTE, LIQUIDA, N.A.S.

(1,3,4,6,7,8-ESAIDRO-4,6,6,7,8,8-ESAMETILLINDEN[5,6-C]PIRANO, CITRONELLOL, BENZILE BENZOATO, LIMONENE)

ADR/RID/IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYLINDENO[5,6-C]PYRAN, CITRONELLOL, BENZYL BENZOATE, LIMONENE)

ICAO-IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYLINDENO[5,6-C]PYRAN, CITRONELLOL, BENZYL BENZOATE, LIMONENE)

14.3. Transport hazard class(es)

ADR/RID/IMDG/ICAO-IATA: Class : 9

ADR/RID/IMDG/ICAO-IATA: Label : 9+Ambiente

ADR: Tunnel restriction code : --

ADR/RID/IMDG/ICAO-IATA: Limited quantities : 5 L

IMDG - EmS : F-A, S-F

14.4. Packing group

ADR/RID/IMDG/ICAO-IATA: III

14.5. Environmental hazards

ADR/RID/ICAO-IATA: Product is environmentally hazardous

IMDG: Marine polluting agent : Yes

14.6. Special precautions for user

The goods must be transported by vehicles authorized to transport of dangerous goods according to the current edition of ADR requirements and applicable national regulations.

The goods must be in original packing, however, in packaging made of materials resistant to their content and not likely to generate with this dangerous reactions. People loading and unloading dangerous goods must be trained on the risks from these substances and that must be taken in case of emergency situations.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

It is not intended to carry bulk

SECTION15. Regulatory information

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

Reg (EC) n. 1907/2006 (REACH), Reg (EC) n. 1272/2008 (CLP), Reg (EC) n. 830/2015 (Requirements for the compilation of safety data sheets), Reg (E) n.790/2009, Dir 96/82/EC as amended.

Seveso category:

E2 - ENVIRONMENTAL HAZARDS

REGULATION (EU) No 1357/2014 - waste:

HP14 - Ecotoxic

15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

SECTION16. Other information

16.1. Other information

Description of the hazard statements exposed to point 3

H400 = Very toxic to aquatic life.

H410 = Very toxic to aquatic life with long lasting effects.

H302 = Harmful if swallowed.

H315 = Causes skin irritation.

H317 = May cause an allergic skin reaction.

H361 = Suspected of damaging fertility or the unborn child .

H411 = Toxic to aquatic life with long lasting effects.

H319 = Causes serious eye irritation.

H412 = Harmful to aquatic life with long lasting effects.

H301 = Toxic if swallowed.

H311 = Toxic in contact with skin.

H331 = Toxic if inhaled.

H312 = Harmful in contact with skin.

H318 = Causes serious eye damage.

Regulatory information:

Reg 1907/2006 EC

Reg 1272/2008 EC

Reg 830/2015 EC

Bibliographic data :

SAX 12 Ed Van Nostrand Reinhold
MERCK INDEX 15 Ed
ECHA: European Chemicals Agency
OSHA: European Agency for Safety and Health at Work
IARC: International Agency for Research on Cancer
IPCS: International Programme on Chemical Safety (Cards)
NIOSH: Registry of toxic effects of chemical substances (1983)
ACGIH: American Conference of Governmental Industrial Hygienists
TOXNET: Toxicology Data Network
WHO: World Health Organization
CheLIST: Chemical Lists Information System

Acronyms:

- ACGIH American Conference of Governmental Industrial Hygienists
- ADR Accord Européen Relatif au Transport International des Marchandises Dangereuses par Route (European accord regarding international transport of dangerous goods by land)
- bw body weight
- CLP Classification, Labelling and Packaging
- CSR Chemical Safety Report
- DMEL Derived Minimal Effect Level
- DNEL Derived No Effect Level
- dw dry weight
- EC Effective Concentration
- IATA International Air Transport Association
- IMDG International Maritime Dangerous Goods
- LC Lethal Concentration
- LD Lethal Dose
- m.w. molecular weight
- PBT Persistent, Bioaccumulative and Toxic
- PNEC Predicted No Effect Concentration
- OECD Organisation / Office for Economic Co-operation and Development
- STEL Short Term Exposure Limit
- SVHC Substance of Very High Concern
- TLV Threshold Limit Value
- TWA Time Weighted Average
- vPvB very Persistent, very Bioaccumulative and toxic
- WGK Wassergefährdungsklasse (Water hazard class)

NOTICE TO USERS

The information contained in this sheet are based on the knowledge available at the date of the preparation of this sheet.

The user must be aware of the possible risks associated with the use of the product, other than that for which the product is supplied. The sheet does not exonerate the user from knowing and applying all the regulations governing its activities. The set of regulations mentioned is simply to help the user to fulfill its obligations regarding the use of hazardous products.

This sheet does not exonerate the user from other legal obligations than those mentioned and from rules regulating possession and use of the product, since the user is the only responsible.

*** This sheet supersedes all previous editions.
