



**SAFETY DATA SHEET**  
**100% Pure Essence**  
**Concentrated laundry perfume**  
**BLUE WASH**

Issued on 06/29/2017 - Rel. # 1 on 06/29/2017

Pag. 1 / 13

In conformity to Regulation (EU) 2015/830

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

**1.1. Product identifier**

Product code : LPL1001B 35602035  
Product line: BLUE WASH

**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](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 Irrit. 2, Skin Sens. 1, Eye Irrit. 2, Aquatic Chronic 2

Hazard statement Code(s):

H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.  
H319 - Causes serious eye irritation.  
H411 - Toxic to aquatic life with long lasting effects.

If brought into contact with eyes, the product causes significant irritations which may last for more than 24 hours, if brought into contact with skin, it causes significant inflammation with erythema, scabs, or edema  
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):  
H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.  
H319 - Causes serious eye irritation.  
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

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

P337+P313 - If eye irritation persists: Get medical advice/attention.

Contains:

2,6-DIMETHYLOCT-7-EN-2-OL, HEXYLSALICYLATE, OCTAHYDRO TETRAMETHYL ACETONAPHTONE,  
1-(1,2,3,4,5,6,7,8-OTTAIDRO-2,3,8,8-TETRAMETIL-2-NAFTIL)ETANONE,  
1-(1,2,3,4,6,7,8,8a-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE,  
1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE,  
2-METHYL-3-(p-ISOPROPYLPHENYL) PROPIONALDEHYDE,  
2,4-DIMETHYL-3-CYCLOHEXENE-1-CARBOXALDEHYDE, EUGENOL, COUMARIN, GERANYL ACETATE,  
10-UNDECENAL

## 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

### 3.1 Substances

Refer to paragraph 16 for full text of hazard statements

### 3.2 Mixtures

Irrilevant

Substance	Concentration	Classification	Identificativi
2,6-DIMETHYLOCT-7-EN-2-OL	> 10 <= 20%	Skin Irrit. 2, H315; Eye Irrit. 2, H319	CE CAS 18479-58-8 EINECS 242-362-4 REACH 01-2119457274-37
HEXYLSALICYLATE	> 1 <= 5%	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	CE CAS 6259-76-3 EINECS 228-408-6 REACH 01-2119638275-36
PHENETHYL ALCOHOL	> 1 <= 5%	Acute Tox. 4, H302; Eye Irrit. 2, H319	CE CAS 60-12-8 EINECS 200-456-2 REACH 01-2119963921-31
BENZYL ACETATE	> 1 <= 5%	Aquatic Chronic 3, H412	CE CAS 140-11-4 EINECS 201-265-7 REACH 01-2119638272-42
2-TERT-BUTYLCYCLOHEXYL ACETATE	> 1 <= 5%	Aquatic Chronic 2, H411	CE CAS 88-41-5 EINECS 201-828-7 REACH
OCTAHYDRO TETRAMETHYL ACETONAPHTONE	> 1 <= 5%	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 1, H410	CE CAS 54464-57-2 EINECS 259-174-3 REACH 01-21194899-04
1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAFTIL)ETHANONE	> 1 <= 5%	Skin Sens. 1, H317; Aquatic Chronic 2, H411	CE CAS 81786-75-6 EINECS 279-825-5 REACH
2,2,2-Trichloro-1-phenylethyl Acetate	> 1 <= 5%	Skin Irrit. 2, H315; Aquatic Chronic 3, H412	CE CAS 90-17-5 EINECS 201-972-0 REACH 01-2119929625-31
VERDYL ACETATE	> 1 <= 5%	Aquatic Chronic 3, H412	CE CAS 54830-99-8 EINECS 259-367-2 REACH
TRICYCLODECENYL PROPIONATE	> 1 <= 5%	Aquatic Chronic 2, H411	CE CAS 17511-60-3 EINECS 241-541-7 REACH 01-2119969447-21
REACTION PRODUCT of 2METIL BUTYL SILICATE and PENTYL SILICATE	> 1 <= 5%	Acute Tox. 4, H302; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	CE CAS EINECS 911-280-7 REACH 01-2119969444-27
1-(1,2,3,4,6,7,8,8a-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE	> 0,5 <= 1%	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 1, H410	CE CAS 68155-67-9 EINECS 268-979-9 REACH
1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE	> 0,5 <= 1%	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 1, H410	CE CAS 68155-66-8 EINECS 268-978-3 REACH

Substance	Concentration	Classification	Identificativi
2-METHYL-3-(p-ISOPROPYLPHENYL) PROPIONALDEHYDE	> 0,5 <= 1%	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
2,4-DIMETHYL-3-CYCLOHEXENE-1-CARBOXALDEHYDE	> 0,1 <= 0,5%	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Irrit. 2, H319; Aquatic Chronic 3, H412	CE CAS 68039-49-6 EINECS 268-264-1 REACH
EUGENOL	> 0,1 <= 0,5%	Skin Sens. 1B, H317; Eye Irrit. 2, H319	CE CAS 97-53-0 EINECS 202-589-1 REACH
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
GERANYL ACETATE	> 0,1 <= 0,5%	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	CE CAS 105-87-3 EINECS 203-341-5 REACH 01-2119973480-35
10-UNDECENAL	> 0,1 <= 0,5%	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Irrit. 2, H319; Aquatic Chronic 3, H412	CE CAS 112-45-8 EINECS 203-973-1 REACH
4-METHYL-3-DECEN-5-OL	> 0,1 <= 0,5%	Aquatic Acute 1, H400	CE CAS 81782-77-6 EINECS 279-815-0 REACH 01-2119983528-21

## SECTION 4. 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):

Take contaminated clothing Immediately off.

Wash immediately with plenty of running water and possibly with soap, the areas of the body that have, or are only suspected to have, come in contact with the product.

#### Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze. Seek medical advice immediately

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 occurs: Get medical advice/attention.

If eye irritation persists: 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

### SECTION 7. 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.

### SECTION 8. Exposure controls/personal protection

#### 8.1. Control parameters

- Substance: 2,6-DIMETHYLOCT-7-EN-2-OL

DNEL

Systemic effects Long term Workers inhalation = 73,5 (mg/m<sup>3</sup>)  
Systemic effects Long term Workers dermal = 20,8 (mg/kg bw/day)  
Systemic effects Long term Consumers inhalation = 21,7 (mg/m<sup>3</sup>)  
Systemic effects Long term Consumers dermal = 12,5 (mg/kg bw/day)  
Systemic effects Long term Consumers oral = 12,5 (mg/kg bw/day)

- Substance: PHENETHYL ALCOHOL

DNEL

Systemic effects Long term Workers inhalation = 59,9 (mg/m<sup>3</sup>)  
Systemic effects Long term Workers dermal = 51,2 (mg/kg bw/day)  
Systemic effects Long term Consumers inhalation = 17,7 (mg/m<sup>3</sup>)  
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: BENZYL ACETATE

DNEL

Systemic effects Long term Workers inhalation = 21,9 (mg/m<sup>3</sup>)  
Systemic effects Long term Workers dermal = 6,25 (mg/kg bw/day)  
Systemic effects Long term Consumers inhalation = 5,5 (mg/m<sup>3</sup>)  
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: GERANYL ACETATE

DNEL

Systemic effects Long term Workers inhalation = 62,59 (mg/m<sup>3</sup>)

Systemic effects Long term Workers dermal = 35,5 (mg/kg bw/day)

Systemic effects Long term Consumers inhalation = 15,4 (mg/m<sup>3</sup>)

Systemic effects Long term Consumers dermal = 17,75 (mg/kg bw/day)

Systemic effects Long term Consumers oral = 8,9 (mg/kg bw/day)

## 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	Caractetristic
Odour threshold	Undefined
pH	Undefined
Melting point/freezing point	Undefined
Initial boiling point and boiling range	Undefined

Physical and chemical properties	Value
Flash point	>60°C
Evaporation rate	Undefined
Flammability (solid, gas)	Undefined
Upper/lower flammability or explosive limits	Undefined
Vapour pressure	Undefined
Vapour density	Undefined
Relative density	0.979-0.999g/mL
Solubility	Lipid soluble
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 = 16.069,2 mg/kg  
ATE dermal = 120.000,0 mg/kg  
ATE inhal = ∞

- (a) acute toxicity: based on available data, the classification criteria are not met.
- (b) skin corrosion/irritation: If brought into contact with the skin, the product causes significant inflammation with erythema, scabs, or edema.  
2,4-DIMETHYL-3-CYCLOHEXENE-1-CARBOXALDEHYDE: Irritating.
- (c) serious eye damage/irritation: If brought into contact with eyes, the product, causes significant irritations which may last for more than 24 hours.  
2,4-DIMETHYL-3-CYCLOHEXENE-1-CARBOXALDEHYDE: Irritating.
- (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:

PHENETHYL ALCOHOL:

LD50 (rat) Oral (mg/kg body weight) = 1790  
LD50 Dermal (rat or rabbit) (mg/kg body weight) = 806

BENZYL ACETATE:

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

2-TERT-BUTYLCYCLOHEXYL ACETATE:

LD50 (rat) Oral (mg/kg body weight) = 4600

OCTAHYDRO TETRAMETHYL ACETONAPHTONE:

LD50 (rat) Oral (mg/kg body weight) = 5001  
LD50 Dermal (rat or rabbit) (mg/kg body weight) = 5001

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

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

2,4-DIMETHYL-3-CYCLOHEXENE-1-CARBOXALDEHYDE:

LD50 (rat) Oral (mg/kg body weight) = 2000

EUGENOL:

LD50 (rat) Oral (mg/kg body weight) = 2130

COUMARIN:

LD50 (rat) Oral (mg/kg body weight) = 293  
CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 242

## SECTION 12. Ecological information

### 12.1. Toxicity

Related to contained substances:

2,6-DIMETHYLOCT-7-EN-2-OL:

LC50 = 27.8 mg/L (fish, 96h)  
EC50 = 38mg/L (daphnia, 48h)

EC50 = 80mg/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

OCTAHYDRO TETRAMETHYL ACETONAPHTONE:

LC50 = 1.30 mg/l (fish, lepomis macrochirus, 96h) (OECD TG 203)

EC50 = 1.38 mg/l (invertebrates, Daphnia magna, 48h) (OECD TG 202)

EC50 = 2.60 mg/l (algae Desmodesmus subspicatus, 72h,) (OECD TG201)

1-(1,2,3,4,6,7,8,8a-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE:

LC50 = 1.30 mg/l (fish, lepomis macrochirus, 83d)

EC50 = 1.38 mg/l (invertebrates, Daphnia magna, 48 h)

EC50 = 2.60 mg/l (algae Desmodesmus subspicatus, 72 h,)

C(E)L50 (mg/l) = 1,3

1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE:

LC50 = 1.30 mg/l (fish, lepomis macrochirus, 83d)

EC50 = 1.38 mg/l (invertebrates, Daphnia magna, 48 h)

EC50 = 2.60 mg/l (algae Desmodesmus subspicatus, 72 h,)

C(E)L50 (mg/l) = 1,3

EUGENOL:

LC50=24mg/L (fish - Fathead minnow, 96h)

LC50=60,8mg/L (fish, Rainbow trout, donaldson trout, 96h)

LC50=66,1mg/L (fish, Coho salmon, silver salmon, 96h)

COUMARIN:

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

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

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

GERANYL ACETATE:

LC50 = 1,23mg/L (fish, 96h)

EC50 = 3,65mg/L (invertebrates, daphnia magna, 48 h)

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. (LIMONENE)

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

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

### SECTION 15. 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:

HP4 - Irritant — skin irritation and eye damage

HP14 - Ecotoxic

#### 15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

### SECTION 16. Other information

#### 16.1. Other information

Description of the hazard statements exposed to point 3

H315 = Causes skin irritation.

H319 = Causes serious eye irritation.

H317 = May cause an allergic skin reaction.

H400 = Very toxic to aquatic life.

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

H302 = Harmful if swallowed.

H412 = Harmful to aquatic life with long lasting effects.

H411 = Toxic to aquatic life with long lasting effects.

H301 = Toxic if swallowed.

H311 = Toxic in contact with skin.

H331 = Toxic if inhaled.

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 5 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.

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