

# Safety data sheet according to UK REACH

Version number 1

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

#### 1.1 Product identifier

**Product identification**: Concentrated mixture of aromatic raw materials (fragrance)

Name: VANILLA LUST (PF)

#### 1.2 Relevant identified uses of the mixture

Manufacturing use only. Not for personal use in this form or concentration

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

Company: Escentscia Limited

Address: 6 Pioneer Park, Clough Road, Hull. HU6 7HW UK.

e-mail: msds@escentscia.uk website: www.escentscia.uk Telephone: +44 (0)1482 332766

#### 1.4 Emergency telephone number

Emergency telephone number: +44 (0)1482 332766 Opening hours: 09:00-16:00, Monday - Friday

Further information obtainable from: Technical Department

### 1.4 Emergency telephone number:

National Poisons Information Service

+44 121 507 4123

Members of the public seeking specific information on poisons should contact:

In England and Wales: NHS 111 - dial 111

In Scotland: NHS 24 - dial 111

#### **SECTION 2: Hazards identification**

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008



Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



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Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

#### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008** The product is classified and labelled according to the GB CLP regulation. **Hazard pictograms** 





GHS07

GHS09

#### Signal word Warning

#### Hazard-determining components of labelling:

benzyl salicylate

linalool

geraniol

2-Methyl-3-(p-isopropylphenyl)propionaldehyde (cyclamen aldehyde)

Coumarin

Eugenia caryophyllus (Clove) leaf oil

linalyl acetate

piperonal

Styrax resinoid

isoeugenol

#### **Hazard statements**

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

#### **Precautionary statements**

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

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves / 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.

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

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

#### 2.3 Other hazards

#### Results of PBT and vPvB assessment

**PBT:** Not applicable. **vPvB:** Not applicable.



>20-<50%

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#### **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

#### **Dangerous components:**

CAS: 120-51-4 Benzyl benzoate

EINECS: 204-402-9 🕸 Aquatic Chronic 2, H411; 😲 Acute Tox. 4, H302

CAS: 81786-73-4 (Z)-3,4,5,6,6-Pentamethylhept-3-en-2-one

EINECS: 279-822-9 🕸 Aquatic Chronic 2, H411; 🗘 Skin Sens. 1, H317

CAS: 54464-57-2 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (Iso-E super)

EINECS: 259-174-3 🚱 Aquatic Chronic 1, H410; 😲 Skin Irrit. 2, H315; Skin Sens. 1, H317

CAS: 121-33-5 vanillin

EINECS: 201-133-9 (1) Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317

CAS: 123-11-5 p-Methoxybenzaldehyde EINECS: 204-602-6 Aquatic Chronic 3, H412 CAS: 104-50-7 gamma-Octalactone

EINECS: 203-208-1 (1) Skin Irrit. 2, H315; Aquatic Chronic 3, H412

CAS: 4940-11-8 Ethyl maltol

EINECS: 225-582-5 **(1)** Acute Tox. 4, H302

CAS: 91-64-5 Coumarin

EINECS: 202-086-7 ( Acute Tox. 4, H302; Skin Sens. 1B, H317; Aquatic Chronic 3, H412

EINECS: 432-030-9 Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Sens. 1B, H317

CAS: 118-58-1 benzyl salicylate

EINECS: 204-262-9 (!) Skin Sens. 1B, H317; Aquatic Chronic 3, H412

CAS: 103-41-3 Benzyl cinnamate

EINECS: 203-109-3 🚯 Aquatic Chronic 1, H410; 🕩 Skin Sens. 1, H317

CAS: 495-60-3 [S-(R\*,S\*)]-5-(1,5-dimethylhexen-4-yl)-2-methyl-1,3-cyclohexa-1,3-diene

EINECS: 207-804-2 🚸 Asp. Tox. 1, H304; 🎨 Aquatic Chronic 2, H411; 🕦 Skin Irrit. 2, H315; Skin Sens. 1, H317

CAS: 4707-47-5 Methyl atrarate EINECS: 225-193-0 Skin Sens. 1B, H317

CAS: 112-44-7 Undecanal

EINECS: 203-972-6 Aquatic Acute 1, H400; Aquatic Chronic 2, H411; **\(\frac{1}{2}\)** Skin Irrit. 2, H315

#### Regulation (EC) No 648/2004 on detergents / Labelling for contents

perfumes (benzyl salicylate, BENZYL BENZOATE, Coumarin, vanillin)

Additional information: For the wording of the listed hazard phrases refer to section 16.



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#### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

#### **General information:**

Immediately remove any clothing soiled by the product.

Take affected persons out into the fresh air.

#### After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

#### After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

#### After swallowing:

If symptoms persist consult doctor.

A person vomiting while laying on their back should be turned onto their side.

Seek immediate medical advice.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available.

#### **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

#### Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire extinguishing methods suitable to surrounding conditions.

**5.2 Special hazards arising from the substance or mixture** No further relevant information available.

#### 5.3 Advice for firefighters

Protective equipment: No special measures required.

#### **SECTION 6: Accidental release measures**

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

Ensure adequate ventilation

Keep away from ignition sources.

Wear protective clothing.

#### 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

#### 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.



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#### **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling

Keep receptacles tightly sealed.

Store in cool, dry place in tightly closed receptacles.

Keep away from heat and direct sunlight.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Information about fire - and explosion protection: No special measures required.

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

Storage:

Requirements to be met by storerooms and receptacles: Store in a cool location.

**Information about storage in one common storage facility:** Store away from foodstuffs.

Further information about storage conditions:

Keep container tightly sealed.

Store receptacle in a well ventilated area.

7.3 Specific end use(s) No further relevant information available.

#### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

#### Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

#### 8.2 Exposure controls

Appropriate engineering controls No further data; see section 7.

Individual protection measures, such as personal protective equipment

#### General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

#### **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

#### **Hand protection**





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The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

#### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

#### Eye/face protection



#### **SECTION 9: Physical and chemical properties**

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

**General Information** 

Physical state Fluid

Colour: Pale Yellow Liquid
Odour: Characteristic
Odour threshold: Not determined.
Melting point/freezing point: Undetermined.

Boiling point or initial boiling point and boiling range 214 °C (CAS: 140-11-4 benzyl acetate)

Flammability Not applicable.

Lower and upper explosion limit

Lower:Not determined.Upper:Not determined.

Flash point: 70–100 °C (CAS: 140-11-4 benzyl acetate)
Auto-ignition temperature: 460 °C (CAS: 140-11-4 benzyl acetate)

**Decomposition temperature:** Not determined.

pH Mixture is non-soluble (in water).

Viscosity:

Kinematic viscosity

Dynamic:

Not determined.

Not determined.

Solubility

water: Insoluble (10%) alcohols: Partly miscible.

Partition coefficient n-octanol/water (log value) Not determined.

Vapour pressure at 25 °C: 0.2 hPa (CAS: 140-11-4 benzyl acetate)

Density and/or relative density

Density:Not determined.Relative density:Not determined.Vapour density:Not determined.



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9.2 Other information

Appearance: Oily

Form:

Important information on protection of health and

environment, and on safety. Product is not selfigniting.

**Ignition temperature:** Product does not present an explosion hazard.

**Explosive properties:** 

 Solvent content:
 0.3 %

 Organic solvents:
 0.29 %

 VOC (EC)
 10.25 %

 VOCV (CH)
 2.3 %

 Solids content:
 1.454-1.494

**Refractive index** 

Change in condition Not determined.

**Evaporation rate** 

Information with regard to physical hazard classes Void **Explosives** Void Flammable gases Void **Aerosols** Void **Oxidising gases** Void Gases under pressure Void Flammable liquids Void Flammable solids Void Self-reactive substances and mixtures Void **Pyrophoric liquids** Void Pyrophoric solids Void

**Self-heating substances and mixtures** 

Substances and mixtures, which emit flammable gases in

contact with waterVoidOxidising liquidsVoidOxidising solidsVoidOrganic peroxidesVoidCorrosive to metalsVoidDesensitised explosivesVoid

#### **SECTION 10: Stability and reactivity**

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.

- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.
- **10.5** Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: No dangerous decomposition products known.



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#### **SECTION 11: Toxicological information**

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

Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

**ATE (Acute Toxicity Estimates)** 

Oral LD50 12013 mg/kg

CAS: 118-58-1 benzyl salicylate Dermal LD50 14150 mg/kg CAS: 120-51-4 Benzyl benzoate

Oral LD50 1700 mg/kg Dermal LD50 4000 mg/kg

#### **Primary irritant effect:**

Serious eye damage/irritation Causes serious eye irritation.

Respiratory or skin sensitisation May cause an allergic skin reaction.

11.2 Information on other hazards

Endocrine disrupting properties

CAS: 118-58-1 benzyl salicylate: List II

CAS: 1222-05-5 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran: List II

CAS: 1506-02-1 1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixolid): List II

#### **SECTION 12: Ecological information**

#### 12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

**PBT:** Not applicable. **vPvB:** Not applicable.

12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.

12.7 Other adverse effects
Remark: Toxic for fish

Additional ecological information:

#### **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms



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#### **SECTION 12: Ecological information**

#### 12.1 Toxicity

Aquatic toxicity: No further relevant information available.

**12.2 Persistence and degradability** No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

**PBT:** Not applicable. **vPvB:** Not applicable.

12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.

**12.7 Other adverse effects Remark:** Toxic for fish

Additional ecological information:

**General notes:** 

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

### **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Recommendation Must not be disposed together with household garbage. Do not allow product to reach sewage system.

#### **Uncleaned packaging:**

Recommendation: Disposal must be made according to official regulations.



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SECTION 14: Transport information

14.1 UN number or ID number

ADR, IMDG, IATA

14.2 UN proper shipping name

ADR

3082 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, Benzyl

benzoate)

UN3082

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, Benzyl benzoate),

MARINE POLLUTANT

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, Benzyl benzoate)

14.3 Transport hazard class(es)

ADR, IMDG, IATA



Class 9 Miscellaneous dangerous substances and articles.

Ш

Label 9

14.4 Packing group

ADR, IMDG, IATA

14.5 Environmental hazards:

Marine pollutant:Symbol (fish and tree)Special marking (ADR):Symbol (fish and tree)Special marking (IATA):Symbol (fish and tree)

**14.6 Special precautions for user** Warning: Miscellaneous dangerous substances and articles.

Hazard identification number (Kemler code): 90
EMS Number: F-A,S-F
Stowage Category A
14.7 Maritime transport in bulk according to IMO

instruments Not applicable.

**Transport/Additional information:** 

**ADR** 

Limited quantities (LQ) 5L Excepted quantities (EQ) Code: E1

Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

Transport category 3
Tunnel restriction code (-)

**IMDG** 

Limited quantities (LQ) 5L Excepted quantities (EQ) Code: E1

Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation": UN 3082 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,

BENZYL BENZOATE), 9, III



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#### **SECTION 15: Regulatory information**

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

#### Regulated explosives precursors

None of the ingredients is listed.

Regulated poisons

CAS: 106-44-5 p-cresol: Listed **Reportable explosives precursors** None of the ingredients is listed.

Reportable poisons

CAS: 106-44-5 p-cresol: Listed **Existing Chemical Substances** 

CAS: 6938-94-9 DI ISO PROPYL ADIPATE: 2-861, 2-879

CAS: 140-11-4 benzyl acetate: 3-1020, 3-1045

CAS: 118-58-1 benzyl salicylate: 3-1570, 3-3044

CAS: 25265-71-8 DIPROPYLENE GLYCOL: 2-413

CAS: 104-61-0 gamma-Nonalactone: 9-137

CAS: 1222-05-5 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran: 5-683

CAS: 60-12-8 Phenethyl alcohol: 3-1032

CAS: 93-92-5 alpha-Methylbenzyl acetate: 3-1040, 3-1045, 3-1062

CAS: 104-67-6 gamma-Undecalactone: 5-67, 9-137

CAS: 120-51-4 Benzyl benzoate: 3-1389

CAS: 78-70-6 linalool: 2-249, 2-258

CAS: 18479-58-8 2,6-dimethyloct-7-en-2-ol (dihydromyrcenol): 2-258, 2-686

CAS: 106-24-1 geraniol: 2-258

CAS: 103-95-7 2-Methyl-3-(p-isopropylphenyl)propionaldehyde (cyclamen aldehyde): 3-2911

CAS: 91-64-5 Coumarin: 5-688

CAS: 590-01-2 n-butyl propionate: 2-774

CAS: 1506-02-1 1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixolid): 4-1179

CAS: 115-95-7 linalyl acetate: 2-2536

CAS: 120-57-0 piperonal: 5-514

CAS: 18096-62-3 4,4a,5,9b-Tetrahydroindeno[1,2-d]-1,3-dioxine: 5-841, 5-3768

CAS: 110-27-0 isopropyl myristate: 2-798

CAS: 24851-98-7 Methyl dihydrojasmonate (hedione): 3-3309

CAS: 93-08-3 Methyl beta-naphthyl ketone: 4-394

CAS: 103-53-7 Phenethyl cinnamate: 3-1739

CAS: 93-58-3 methyl benzoate: 3-1356

CAS: 17511-60-3 Tricyclodecenyl propionate (verdyl propionate): 4-658

CAS: 18871-14-2 4-Acetoxy-3-pentyltetrahydropyran: 5-3643

CAS: 104-93-8 p-Methylanisole: 3-573, 3-1035

CAS: 2082-79-3 n-octadecyl 3-(4'-hydroxy-3',5'-di-t-butylphenyl) propionate: 3-1737

CAS: 121-32-4 Ethyl vanillin: 3-1201



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#### Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

Seveso category E2 Hazardous to the Aquatic Environment

Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

#### **SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### Relevant phrases

- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H361 Suspected of damaging fertility or the unborn child.
- H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

#### **Department issuing SDS:** Technical Department

#### Contact:

**Technical Department** 

msds@escentscia.uk

#### Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

**ELINCS: European List of Notified Chemical Substances** 

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOCV: Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile organic compounds)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Skin Sens. 1B: Skin sensitisation – Category 1B

Repr. 2: Reproductive toxicity – Category 2 Repr. 2: Reproductive toxicity – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3