

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 24.01.2019

Version number 2.02

Revision: 24.01.2019

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

- **Product identifier**
 - **Trade name: Soap fragrance oil lavender**
 - **Article number: 5806122**
 - **UFI: N710-80EQ-U00Y-3H3M**
 - **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
 - **Application of the substance / the mixture** Preparation of cosmetics
 - **Details of the supplier of the safety data sheet**
 - **Manufacturer/Supplier:**
CREARTEC trend-design-gmbh
Lauenbühlstr. 59
D-88161 LINDENBERG
DEUTSCHLAND
 - **Further information obtainable from:**
Abteilung Produktsicherheit
info@creartec.info
 - **Emergency telephone number:**
During opening hours: +49 8381 80740-0
Mon -Thu from 08.30 to 16.30
and Fri from 08.30 to 12.30
- Emergency calls: +49 151 44613864 (24h)

2 Hazards identification

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



GHS09 environment

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



GHS07

Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2 H319 Causes serious eye irritation.
Skin Sens. 1 H317 May cause an allergic skin reaction.

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



GHS07



GHS09

- **Signal word** Warning
- **Hazard-determining components of labelling:**
Linalool
eucalyptol
(R)-p-mentha-1,8-diene
Geraniol
Coumarin
p-t-Butyl-alpha-methylhydrocinnamic aldehyde

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 24.01.2019

Version number 2.02

Revision: 24.01.2019

Trade name: Soap fragrance oil lavender

(Contd. of page 1)

4-tert-butylcyclohexyl acetate
 alpha-Pinene
 beta-Pinene
 dl-Citronellol
 Lemon oil
 Dimethylcyclohex-3-ene-1-carbaldehyde (isomer unspecified)
 p-tert-Butyldihydrocinnamaldehyde
 Grapefruit oil

Hazard statements

H315 Causes skin irritation.
 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 label before use.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P280 Wear protective gloves / eye protection / face protection.
 P273 Avoid release to the environment.
 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.

Labelling of packages where the contents do not exceed 125 ml
Hazard pictograms


GHS07 GHS09

Signal word Warning
Hazard-determining components of labelling:

Linalool
 eucalyptol
 (R)-p-mentha-1,8-diene
 Geraniol
 Coumarin
 p-t-Butyl-alpha-methylhydrocinnamic aldehyde
 4-tert-butylcyclohexyl acetate
 alpha-Pinene
 beta-Pinene
 dl-Citronellol
 Lemon oil
 Dimethylcyclohex-3-ene-1-carbaldehyde (isomer unspecified)
 p-tert-Butyldihydrocinnamaldehyde
 Grapefruit oil

Hazard statements

H317 May cause an allergic skin reaction.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P103 Read label before use.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P280 Wear protective gloves.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards
Results of PBT and vPvB assessment

PBT: Not applicable.

(Contd. on page 3)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 24.01.2019

Version number 2.02

Revision: 24.01.2019

Trade name: Soap fragrance oil lavender

(Contd. of page 2)

· vPvB: Not applicable.

3 Composition/information on ingredients

· **Chemical characterisation: Mixtures**· **Description:** Mixture of substances listed below with nonhazardous additions.· **Dangerous components:**

CAS: 120-51-4 EINECS: 204-402-9	Benzyl benzoate ⚠ Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H302	> 25 – ≤ 50%
CAS: 115-95-7 EINECS: 204-116-4	linalyl acetate ⚠ Skin Irrit. 2, H315; ⚠ Eye Irrit. 2, H319	> 10 – ≤ 25%
CAS: 78-70-6 EINECS: 201-134-4	Linalool ⚠ Skin Sens. 1B, H317	> 10 – ≤ 25%
CAS: 470-82-6 EINECS: 207-431-5	eucalyptol ⚠ Flam. Liq. 3, H226; ⚠ Skin Sens. 1, H317	> 2.5 – ≤ 10%
CAS: 8000-41-7 EINECS: 232-268-1	Terpineol ⚠ Skin Irrit. 2, H315; ⚠ Eye Irrit. 2, H319	> 0 – ≤ 10%
CAS: 111-13-7 EINECS: 203-837-1	2-Octanone ⚠ Flam. Liq. 3, H226; ⚠ Eye Irrit. 2, H319; STOT SE 3, H335; Aquatic Chronic 3, H412	> 0 – ≤ 10%
CAS: 18479-58-8 EINECS: 242-362-4	Dihydromyrcenol ⚠ Skin Irrit. 2, H315; ⚠ Eye Irrit. 2, H319	> 0 – ≤ 10%
CAS: 17511-60-3 EINECS: 241-514-7	Tricyclodecanyl propionate ⚠ Aquatic Chronic 2, H411	> 0 – ≤ 10%
CAS: 140-11-4 EINECS: 205-399-7	benzyl acetate ⚠ Aquatic Chronic 3, H412	> 2.5 – ≤ 10%
CAS: 5989-27-5 EINECS: 227-813-5	(R)-p-mentha-1,8-diene ⚠ Flam. Liq. 3, H226; ⚠ Aquatic Acute 1, H400; ⚠ Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315; ⚠ Skin Sens. 1, H317	≤ 2.5%
CAS: 106-24-1 EINECS: 203-377-1	Geraniol ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; ⚠ Skin Sens. 1, H317; STOT SE 3, H335	≤ 2.5%
CAS: 91-64-5 EINECS: 202-086-7	Coumarin ⚠ Acute Tox. 3, H301; ⚠ Skin Sens. 1, H317	≤ 2.5%
CAS: 80-54-6 EINECS: 201-289-8	p-t-Butyl-alpha-methylhydrocinnamic aldehyde ⚠ Repr. 2, H361f; ⚠ Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H302; ⚠ Skin Irrit. 2, H315; ⚠ Skin Sens. 1, H317	≤ 2.5%
CAS: 32210-23-4 EINECS: 250-954-9	4-tert-butylcyclohexyl acetate ⚠ Skin Sens. 1, H317	≤ 2.5%
CAS: 101-84-8 EINECS: 202-981-2	diphenyl ether ⚠ Aquatic Chronic 2, H411	≤ 2.5%
CAS: 80-56-8 EINECS: 201-291-9	alpha-Pinene ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Acute 1, H400; ⚠ Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315; ⚠ Skin Sens. 1, H317	≤ 2.5%
CAS: 127-91-3 EINECS: 204-872-5	beta-Pinene ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Acute 1, H400; ⚠ Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315; ⚠ Skin Sens. 1, H317	≤ 2.5%
CAS: 79-92-5 EINECS: 201-234-8	camphene ⚠ Flam. Sol. 1, H228; ⚠ Aquatic Chronic 2, H411; ⚠ Eye Irrit. 2, H319	≤ 2.5%
CAS: 106-22-9 EINECS: 203-375-0	di-Citronellol ⚠ Skin Irrit. 2, H315; ⚠ Eye Irrit. 2, H319; ⚠ Skin Sens. 1, H317	≤ 2.5%
CAS: 8008-56-8 EINECS: 284-515-8	Lemon oil ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; ⚠ Skin Sens. 1, H317	≤ 2.5%
CAS: 27939-60-2 EINECS: 248-742-6	Dimethylcyclohex-3-ene-1-carbaldehyde (isomer unspecified) ⚠ Acute Tox. 4, H312; ⚠ Skin Irrit. 2, H315; ⚠ Skin Sens. 1, H317; ⚠ Aquatic Chronic 3, H412	≤ 2.5%
CAS: 1506-02-1 EINECS: 216-133-4	1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixolid) ⚠ Aquatic Acute 1, H400; ⚠ Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302	≤ 2.5%
CAS: 18127-01-0 EINECS: 242-016-2	p-tert-Butyldihydrocinnamaldehyde ⚠ Repr. 2, H361; STOT RE 2, H373; ⚠ Skin Irrit. 2, H315; ⚠ Skin Sens. 1, H317; ⚠ Aquatic Chronic 3, H412	≤ 2.5%

(Contd. on page 4)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 24.01.2019

Version number 2.02

Revision: 24.01.2019

Trade name: Soap fragrance oil lavender

CAS: 8016-20-4 EINECS: 289-904-6	Grapefruit oil Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1, H317	(Contd. of page 3) ≤ 2.5%
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· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

4 First aid measures

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **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.
- **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.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **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.
- **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 item 13.
Ensure adequate ventilation.
- **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.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Storage class:** 10
- **Specific end use(s)** No further relevant information available.

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 24.01.2019

Version number 2.02

Revision: 24.01.2019

Trade name: Soap fragrance oil lavender

(Contd. of page 4)

8 Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· **Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

101-84-8 diphenyl ether

WEL	Short-term value: 14 mg/m ³ , 2 ppm Long-term value: 7 mg/m ³ , 1 ppm
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· **Additional information:** The lists valid during the making were used as basis.

· **Exposure controls**

· **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 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.

· **Protection of hands:**



Protective gloves

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 protection:**



Tightly sealed goggles

· **Body protection:** Protective work clothing

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Fluid

Colour: Yellowish

· **Odour:** Flowery

· **Odour threshold:** Not determined.

· **pH-value:** Not determined.

· **Change in condition**

Melting point/freezing point: Undetermined.

Initial boiling point and boiling range: 84 °C

· **Flash point:** 75 °C

· **Flammability (solid, gas):** Not applicable.

· **Ignition temperature:** 420 °C

· **Decomposition temperature:** Not determined.

(Contd. on page 6)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 24.01.2019

Version number 2.02

Revision: 24.01.2019

Trade name: Soap fragrance oil lavender

(Contd. of page 5)

· Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapour pressure at 156 °C:	6 hPa
· Density at 20 °C:	0.968 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	3.4 %
Solids content:	< 30.9 %
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:		
120-51-4 Benzyl benzoate		
Oral	LD50	1,700 mg/kg bw (rat)
Dermal	LD50	4,000 mg/kg bw (rabbit)
78-70-6 Linalool		
Oral	LD50	2,790 mg/kg bw (rat)
Dermal	LD50	5,610 mg/kg bw (rabbit)
111-13-7 2-Octanone		
Oral	LD50	3,824 mg/kg bw (mouse)
140-11-4 benzyl acetate		
Oral	LD50	2,490 mg/kg bw (rat)
Dermal	LD50	> 5,000 mg/kg bw (rabbit)
5989-27-5 (R)-p-mentha-1,8-diene		
Oral	LD50	4,400 mg/kg bw (rat)
91-64-5 Coumarin		
Oral	LD50	293 mg/kg bw (rat)
32210-23-4 4-tert-butylcyclohexyl acetate		
Oral	LD50	5,000 mg/kg bw (rat)

(Contd. on page 7)

— GB —

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 24.01.2019

Version number 2.02

Revision: 24.01.2019

Trade name: Soap fragrance oil lavender

(Contd. of page 6)

101-84-8 diphenyl ether		
Oral	LD50	3,370 mg/kg bw (rat)
79-92-5 camphene		
Oral	LD50	5,000 mg/kg bw (rat)
Dermal	LD50	2,500 mg/kg bw (rab)
106-22-9 dl-Citronellol		
Oral	LD50	3,450 mg/kg bw (rat)
Dermal	LD50	2,650 mg/kg bw (rabbit)

- **Primary irritant effect:**
- **Skin corrosion/irritation**
Causes skin irritation.
- **Serious eye damage/irritation**
Causes serious eye irritation.
- **Respiratory or skin sensitisation**
May cause an allergic skin reaction.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Toxic for fish
- **Additional ecological information:**
- **General notes:**
Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation** Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· European waste catalogue	
16 03 05*	organic wastes containing hazardous substances
HP 4	Irritant - skin irritation and eye damage
HP 6	Acute Toxicity
HP 13	Sensitising
HP 14	Ecotoxic

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 24.01.2019

Version number 2.02

Revision: 24.01.2019

Trade name: Soap fragrance oil lavender

(Contd. of page 7)

14 Transport information

· UN-Number	UN3082
· ADR, IMDG, IATA	
· UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate, DIPENTENE), MARINE POLLUTANT
· IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate, DIPENTENE)
· IATA	
· Transport hazard class(es)	
· ADR, IMDG, IATA	
· Class	9 Miscellaneous dangerous substances and articles.
· Label	9
· Packing group	
· ADR, IMDG, IATA	III
· Environmental hazards:	Not applicable.
· Special precautions for user	Warning: Miscellaneous dangerous substances and articles.
· Danger code (Kemler):	90
· EMS Number:	F-A,S-F
· Stowage Category	A
· Transport in bulk according to Annex II of Marpol and the IBC Code	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
· 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

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- 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
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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
- H226 Flammable liquid and vapour.
- H228 Flammable solid.
- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.

(Contd. on page 9)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 24.01.2019

Version number 2.02

Revision: 24.01.2019

Trade name: Soap fragrance oil lavender

(Contd. of page 8)

H361 Suspected of damaging fertility or the unborn child.

H361f Suspected of damaging fertility.

H373 May cause damage to organs through prolonged or repeated exposure.

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:** Abteilung Produktsicherheit· **Contact:** Dr. B. Gangnus· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport 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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

Flam. Sol. 1: Flammable solids – Category 1

Acute Tox. 3: Acute toxicity – Category 3

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. 1B: Skin sensitisation – Category 1B

Repr. 2: Reproductive toxicity – Category 2

Repr. 2: Reproductive toxicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – 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

 GB