

**Safety Data Sheet**  
**Hungarian Lavender Essential Oil**

August 15, 2019

**Section 1: Chemical Product and Company Identification**

<b>Product name:</b>	Hungarian Lavender Essential Oil
<b>CAS Number:</b>	8000-28-0, 90063-37-9
<b>EINECS Number:</b>	289-995-2
<b>Contact Info:</b>	Bramble Berry Inc. 2138 Humboldt Street Bellingham, WA 98225 info@brambleberry.com www.brambleberry.com 1-877-627-7883
<b>Emergency Phone Number:</b>	Within USA & Canada: 1.800.424.9300 CCN693143 Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

**Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.

**Application of the substance / the mixture**  
Aroma/fragrance component for industrial use

**Section 2: Hazards Identification**

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



Asp. Tox. 1

**GHS08 Health Hazard**

H304 May be fatal if swallowed and enters airways



Aquatic Chronic 2

**GHS09 environment**

H411 Toxic to aquatic life with long lasting effects.



SKIN Irrit. 2  
Eye Irrit. 2  
Skin Sens. 1

**GHS07**

H315 Causes skin irritation  
H319 Causes serious eye irritation  
H317 May cause an allergic skin reaction

**2.2 Label elements**

**Labelling (REGULATION (EC) No 1272/2008)**

The product is classified and labeled according to the CLP regulation



GHS07



GHS08



GHS09

**Signal Word: Danger**

**Hazard-determining components of labelling:**

Linalool  
cis-beta-Ocimene  
beta-Caryophyllene  
1,8-Cineole  
(R)-p-mentha-1,8-diene  
alpha-Pinene

**Hazard statements**

H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H304 May be fatal if swallowed and enters airways.  
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.  
 P264 Wash thoroughly after handling.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves / eye protection / face protection.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P321 Specific treatment (see on this label).  
 P331 Do NOT induce vomiting.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P391 Collect spillage.  
 P405 Store locked up.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

### 2.3 Other Hazards

#### Results of PBT and vPvB assessment

PBT: The product is not PBT

vPvB: The substance is not vPvB.

## Section 3: Composition/Information on Ingredients

### 3.1 Chemical characterization: Substance

#### Description:

UVCB substance with identifications as given in Section 1., which contains many constituents of various percentage.

#### Dangerous Components:

CAS: 78-70-6 EINECS: 201-134-4 Index number: 603-235-00-2	<i>Linalool</i> ⚠ Skin Sens. 1B, H317	20 – 60 %
CAS: 115-95-7 EINCES: 204-116-4	<i>Linayl acetate</i> ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	20 – 50 %
CAS: 562-74-3	<i>Terpinen-4-ol</i>	≤ 10.0%

EINCES: 209-235-5	⚠ Acute Tox. 4, H302; Skin Irrit. 3, H315; Eye Irrit. 3 H319; STOT SE 3, H335 – H336	
CAS: 470-82-6 EINCES: 207-431-5	<i>1,8-Cineole</i> ⚠ Flam. Liq. 3, H226; ⚠ Skin Sens. 1, H317	≤ 5.0 %
CAS: 5989-27-5 EINCES: 227-813-5 Index Number: 601-029-00-7	<i>(R)-p-mentha-1,8-diene</i> ⚠ Flam. Liq. 3, H226; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	≤ 5.0 %
CAS: 98-55-5 EINCES: 202-680-6	<i>Alpha-Terpineol</i> ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	≤ 5.0 %
CAS: 3338-55-4 EINCES: 222-081-3	<i>Cis-beta-Ocimene</i> ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox 1, H304 ⚠ Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335 – H336	≤ 5.0 %
CAS: 76-22-2 EINCES: 200-945-0	<i>Camphor</i> ⚠ Flam. Sol. 2, H228; ⚠ STOT SE 2, H371; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332	≤ 2.0 %
CAS: 80-56-8 EINCES: 201-291-9	<i>Alpha-Pinene</i> ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	≤ 2.0 %
CAS: 99-87-6 EINCES: 202-796-7	<i>p-cymene</i> ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	≤ 1.0 %

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

## Section 4: First Aid Measures

### 4.1 Description of first aid measures

**General information:** Immediately remove any clothing soiled by the product. Seek immediate medical advice.

**Inhalation:** Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.

**Eye Exposure:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**Skin Exposure:** Immediately wash with water and soap and rinse thoroughly.

**Ingestion:** Call for a doctor immediately. If accidentally swallowed obtain immediate medical attention. Rinse mouth. Do NOT induce vomiting - danger of aspiration.

**Information for doctor:**

**Most important symptoms and effects, both acute and delayed:** May produce an allergic reaction.

**Indication of any immediate medical attention and special treatment needed:** Treat according to symptoms.

## Section 5: Fire-Fighting Measures

### 5.1 Extinguishing media

**Suitable:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Do not use full water jet.

**Unsuitable:** Water

### 5.2 Special hazards arising from the substance or mixture

**Carbon oxides is produced when burning.**

**During firefighting:** Water may be ineffective.

### 5.3 Advice for firefighters

Cool undamaged containers or piping with water. Do not allow contaminated extinguishing water to enter the soil, ground-water or surface waters.

**Protective equipment:** Fireman must wear self-contained breathing apparatus. Wear fully protective suit.

## Section 6: Accidental Release Measures

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

Wear protective equipment. Keep unprotected persons away. Avoid contact with skin and inhalation of its vapours or smoke.

### 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 materials 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.

### 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.

## Section 7: Handling and Storage

### 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

Smoking, eating and drinking should be prohibited in application area.

Avoid contact with skin and eyes.

For personal protection see Section 8.

Handle in accordance with good industrial hygiene and safety practice.

**Information about fire - and explosion protection:** Product is not flammable.

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

Keep container tightly sealed.

Store separated from foodstuff or animal food and oxidizing agents.

Protect from heat and direct sunlight.

Store in a cool and dry place, keep container tightly closed.

#### **Storage:**

##### **Requirements to be met by storerooms and receptacles:**

Store in a cool and well-ventilated place.

Keep container tightly closed, protected from light and potential sources of ignition.

Store separated from foodstuff or animal food.

Recommended storage condition 18-25 Celsius.

##### **Information about storage in one common storage facility:**

Store separated from foodstuff or animal food.

Store in a cool and dry place, keep container tightly closed.

##### **Further information about storage conditions:**

Keep container tightly sealed.

Protect from heat and direct sunlight.

Store receptacle in a well ventilated area.

### **7.3 Specific end uses**

For relevant identified use listed in Section 1.

## **Section 8: Exposure Controls/Personal Protection**

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

### **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 - Personal protective equipment**

#### **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. Chemical resistant gloves according to EN 374.

**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.

**As protection from splashes gloves made of the following materials are suitable:** Latex gloves.

**Eye protection:** Tightly sealed goggles. Safety glasses with side protection shield EN166.

**Body protection:** Use protective suit.

## Section 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

**Appearance Form:** Liquid

**Appearance Color:** Colorless to pale yellow

**Odor:** fresh, floral, green, lavender

**Odor Threshold:** Not determined

**pH Value:** Not determined

**Melting/Freezing Point:** - 20°C

**Initial Boiling Point:** 172°C

**Flashpoint (CCCFP):** 78°C

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

**Ignition Temperature:** 250°C

**Decomposition Temperature:** Not determined

**Auto-ignition temperature:** Product is not selfigniting

**Explosive Properties:** Product does not present an explosion hazard

**Explosion limits**

**Lower:** Not determined

**Upper:** Not determined

**Oxidizing properties:** Not oxidizing

**Vapor Pressure @25°C:** 0.2 – 0.3 hPa

**Relative Density:** Not determined

**Vapor 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:** ≤6.0 %

**Other information:** No further relevant information available

## Section 10: Stability and Reactivity

**10.1 Reactivity** Not reactive, stable in room temperature.

**10.2 Chemical stability** The product is stable if stored and handled as normal operating conditions.

**10.3 Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**10.4 Possibility of hazardous reactions** No dangerous reactions known.

**10.5 Conditions to avoid** Avoid direct sunshine, excessive heat, spark or open flame.

**10.6 Incompatible materials** Oxidizing mineral acids, strong reducing agents, strong oxidizing agents.

**10.7 Hazardous decomposition products** Carbon monoxide and other unidentified organic compounds may be upon combustion.

## Section 11: Toxicological Information

### 11.1 Toxicological Effects

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

#### LD/LC40 values relevant for classification

**Oral, LD50:** 5000 mL/kg (rat)

**Dermal, LD50:** 500 mg/kg (rabbit)

#### 78-70-6 Linalool

**Oral, LD50:** 2,790 mg/kg (rat)

**Dermal, LD50:** 5,610 mg/kg (rabbit)

**Inhalative, mg/L air:** 3.2 mg/L, (mouse) ECHA

#### 115-95-7 Linalyl acetate

**Oral, LD50:** 9,000 mg/kg (rat)

**Dermal, LD50:** 5,000 mg/kg (rabbit)

#### 562-74-3 Terpinen-4-ol

**Oral, LD50:** 1,300 mg/kg (rat)

**Dermal, LD50:** 2,500–5,000 mg/kg (rabbit)

#### 87-44-5 beta-Caryophyllene



**Oral, LD50:** 5,000 mg/kg (mouse)

**5989-27-5 (R)-p-mentha-1,8-diene**

**Oral, LD50:** 4,400 mg/kg (rat)

**98-55-5 alpha-Terpineol**

**Oral, LD50:** 4,300 mg/kg (rat)

**3338-55-4 cis-beta-Ocimene**

**Oral, LD50:** 5,000 mg/kg (rat) (Moreno, 1976z)

**76-22-2 Camphor**

**Oral, LD50:** 1,310 mg/kg (mouse)

**99-87-6 p-cymene**

**Oral, LD50:** 4,750 mg/kg (rat)

**Primary irritant effect**

**Skin corrosion/irritation:** Causes skin irritation.

**Serious eye damage/irritation:** Causes serious eye irritation.

**Respiratory or skin sensitization:** 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:** May be fatal if swallowed and enters airways.

## Section 12: Ecological Information

### 12.1 Toxicity

**Acute aquatic toxicity:** Toxic to the aquatic life with long lasting effects - Hazard category 2.

**The experimental information related to eco-toxicological properties of the product itself is not available.**

**EC50/LC50:**

21.995 mg/L (Short term toxicity to aq. invertebr.)

13 mg/L (Toxicity to aq. alg. and cyanobact.)

1,230 mg/L (Toxicity to microorganisms)

**EC10/LC10:**

488,000 microg/L (Toxicity to microorganisms)

**LC50(4d):** 29.173 mg/L (Short term toxicity to fish)

**78-70-6 Linalool**

**EC50(4 d):** 88.3–156.7 mg/L (Toxicity to aq. alg. and cyanobact.)ECHA



## BRAMBLE BERRY

HANDCRAFT PROVISIONS

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**LC50(4d):** 27.8 mg/L (Short term toxicity to fish) ECHA

**EC50(48h):** 59,000 microg/L (Short term toxicity to aq. invertebr.)

**EC50 (3h):** 0.1 g/L (Toxicity to microorganisms)

### 115-95-7 Linalyl acetate

**EC50(4 d):** 88.3–156.7 mg/L (Toxicity to aq. alg. and cyanobact.)

**EC50(48h):** 59 mg/L (Short term toxicity to aq. invertebr.)

### 87-44-5 beta-Caryophyllene

**EC50/LC50:** 0.17 mg/L (Short term toxicity to aq. invertebr.)

0.033 mg/L (Toxicity to aq. alg. and cyanobact.)

**EC10/LC10:** 33 microg/L (Toxicity to aq. alg. and cyanobact.)

### 470-82-6 1,8-Cineole

**EC50(4 d):** 74–100 mg/L (Toxicity to aq. alg. and cyanobact.)

**EC50(3h):** 100 mg/L (Toxicity to microorganisms)

**LC50(4d):** 57 mg/L (Short term toxicity to fish)

**EC50(48h):** 100 mg/L (Short term toxicity to aq. invertebr.)

**EC50(72h):** 74 mg/L (Toxicity to aq. alg. and cyanobact.)

**NOEC(4d):** 32 mg/L (Short term toxicity to fish)

9.1–50 mg/L (Toxicity to aq. alg. and cyanobact.)

**NOEC(48h):** 100 mg/l (Short term toxicity to aq. invertebr.)

**NOEC(72h):** 18–37 mg/L (Toxicity to aq. alg. and cyanobact.)

### 76-22-2 Camphor

**LC50:** 33.25 mg/L (Short term toxicity to fish)

**EC50/LC50:** 4.23 mg/L (Short term toxicity to aq. invertebr.)

1.71 mg/L (Toxicity to aq. alg. and cyanobact.)

**EC10/LC10:** 32 microg/L (Toxicity to aq. alg. and cyanobact.)

**EC50 (3h):** 0.1 g/L (Toxicity to microorganisms)

### 99-87-6 p-cymene

**LC50:** 48 mg/L (Freshwater fish)

**EC50/LC50:** 6.5 mg/L (STT to freshwater invertebrates)

**Persistence and degradability:** biodegradable

### 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**

Do not allow the material to enter streams, sewers or other waterways. In case of spill do not release to drains or soil. Keep away from surface and ground water. Do not flush into surface water or sanitary sewer system.

## Section 13: Disposal Conditions

### 13.1 Waste treatment methods

**Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.  
Waste disposal by ignition in accordance with international, national and local regulations. Packaging, waste product and materials used for absorbing spills should be disposed of in the same manner as the substance. Do not contaminate the ground or water with waste. Do not dispose of waste into the environment.

**European waste catalogue**

07 00 00 - WASTES FROM ORGANIC CHEMICAL PROCESSES

07 01 00 - wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals

07 01 99 - wastes not otherwise specified

HP 4 - Irritant - skin irritation and eye damage

HP 13 - Sensitising

HP 14 – Ecotoxic

**Uncleaned packaging**

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

## Section 14: Transport Information

**UN-Number**

**ADR, IMDG, IATA:** UN3082

**UN proper shipping name**

**ADR:** UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Linalool, DIPENTENE)

**IMDG:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Linalool, DIPENTENE), MARINE POLLUTANT

**IATA:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Linalool, DIPENTENE)

**Transport hazard class(es)**

ADR, IMDG, IATA



**Class:** 9 Miscellaneous dangerous substances and articles.

**Label:** 9

**Packing group:** ADR, IMDG, IATA III

**Environmental hazards:** Product contains environmentally hazardous substances: (R)-p-mentha-1,8-diene

**Marine pollutant:** Symbol (fish and tree)

**Special marking (ADR):** Symbol (fish and tree)

**Special marking (IATA):** Symbol (fish and tree)

**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

**Tunnel restriction code:** E

**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":** UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LINALOOL, DIPENTENE), 9, III

## Section 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.

## 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

H226 Flammable liquid and vapour.

H228 Flammable solid.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H371 May cause damage to organs.

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.

**Department issuing SDS:** Product safety department.

**Contact:** [sds@silvestris.hu](mailto:sds@silvestris.hu)

### 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



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**PBT:** Persistent, Bioaccumulative and Toxic

**vPvB:** very Persistent and very Bioaccumulative

**Flam. Liq. 3:** Flammable liquids – Category 3

**Flam. Sol. 2:** Flammable solids – Category 2

**Acute Tox. 4:** Acute toxicity – Category 4

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

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

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

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

**STOT SE 2:** Specific target organ toxicity (single exposure) – Category 2

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

**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

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