



SAFETY DATA SHEET

LAVENDEL

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 13.08.2020

1.1. Product identifier

Product name LAVENDEL

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

Function Description: Perfumes, fragrances
Code: PC28

Product group Fragrances

Use of the substance / preparation Air freshener

Main intended use PC-TEC-6 Fragrances

Secondary uses PC-AIR-7 Candles - scented and unscented

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet**Downstream user**

Company name Paraffinhuset A/S

Postal address Orevej 211

Postcode 4760

City Vordingborg

Country Denmark

Telephone number + 45 55 34 05 05

Email stine@paraffinhuset.dk

Website www.paraffinhuset.dk

Enterprise No. 37290505

Contact person Stine Beck Petersen, Managing Director

1.4. Emergency telephone number

Emergency telephone Telephone number: + 45 55 34 05 05

Description: Internal emergency number, Monday - Thursday 8 a.m. - 5 p.m., Friday 8 a.m. - 4 p.m.

Telephone number: Ireland:

National Poisons Information Centre

+353 (1) 809 2166 (8.00 a.m. to 10.00 p.m. (7 days a week)

Healthcare Professionals: +353 (1) 809 2566 (24 hour service)

Description: Ireland: National Poisons Information Centre

Telephone number: England und Wales (NHS Direct): 111

NHS 24 in Scotland: +44 (0) 8454 24 24 24 (UK only)

Description: United Kingdom:

National Poison Information Service (NPIS), City Hospital, Birmingham B18 7QH,
<http://www.npis.org/npis.html>

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to
 Regulation (EC) No 1272/2008
 [CLP / GHS]

Skin Irrit. 2; Calculation method

Skin Sens. 1; H317; Calculation method

Aquatic Chronic 3; H412; Calculation method

In compliance with ATP nr.

CLP13-2018/1480

2.2. Label elements

Hazard pictograms (CLP)



Composition on the label

Linalyl acetate, Linalool, synth., Camphor, synth., Citronellol, min. 96%,
 Eucalyptus oil, nat. min 80%, Dipentene (Limonene), alpha-Pinene, nat.

Signal word

Warning

Hazard statements

H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P264 Wash Hände thoroughly after handling.
 P273 Avoid release to the environment.
 P280 Wear protective gloves.
 P321 Specific treatment (see Hinweis on this label).
 P332+P313 If skin irritation occurs: Get medical advice / attention.
 P362 Take off contaminated clothing.

2.3. Other hazards

PBT / vPvB

This product does not contain any PBT or vPvB substances.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Composition type

Mixture

Formulation type

OL Oil miscible liquid

Substance	Identification	Classification	Contents	Notes
Linalyl acetate	CAS No.: 115-95-7 EC No.: 204-115-4 REACH Reg. No.: 01-2119454789-19-XXXX	Skin Irrit. 2; H315; On basis of test data Skin Sens. 1; H317; On basis of test data Eye Irrit. 2; H319; On basis of test data	1 - 10 % wt/wt	1
Linalool, synth.	CAS No.: 78-70-6 EC No.: 201-134-4 REACH Reg. No.: 01-2119474016-42-XXXX	Skin Irrit. 2; H315; On basis of test data Skin Sens. 1; H317; On basis of test data Eye Irrit. 2; H319; On basis of test data	1 - 10 % wt/wt	1
Camphor, synth.	CAS No.: 76-22-2 EC No.: 244-350-4 REACH Reg. No.: 01-2120788779-24-XXXX	Flam. Sol. 2; H228; On basis of test data Acute Tox. 4; H332; On basis of test data STOT SE 2; H371; On basis of test data STOT RE 2; H373; On basis of test data	1 - 10 % wt/wt	1
Citronellol, min. 96%	CAS No.: 106-22-9 EC No.: 203-375-0 REACH Reg. No.: 01-2119453995-23-XXXX	Skin Irrit. 2; H315; On basis of test data Skin Sens. 1; H317; On basis of test data Eye Irrit. 2; H319; On basis of test data	1 - 10 % wt/wt	1
Eucalyptus oil, nat. min 80%	EC No.: 283-406-2 REACH Reg. No.: 01-2119978250-37-XXXX	Flam. Liq. 3; H226; On basis of test data Asp. Tox. 1; H304; On basis of test data Skin Irrit. 2; H315; On basis of test data Skin Sens. 1; H317; On basis of test data Aquatic Chronic 2; H411; On basis of test data	< 1 % wt/wt	6
Cymol, para	CAS No.: 99-87-6 EC No.: 202-796-7 REACH Reg. No.: 01-2120807345-59-XXXX	Flam. Liq. 3; H226; On basis of test data Asp. Tox. 1; H304; On basis of test data Aquatic Chronic 2; H411; On basis of test data	< 1 % wt/wt	6
Dipentene (Limonene)	CAS No.: 5989-27-5 EC No.: 227-813-5 Index No.: 601-029-00-7 REACH Reg. No.: 01-2119529223-47-XXXX	Flam. Liq. 3; H226; On basis of test data Skin Irrit. 2; H315; On basis of test data Skin Sens. 1; H317; On basis of test data	< 1 % wt/wt	2

		Aquatic Acute 1; H400; On basis of test data Aquatic Chronic 1; H410; On basis of test data		
alpha-Pinene, nat.	CAS No.: 80-56-8 EC No.: 201-291-9 REACH Reg. No.: 01-2119519223-49-XXXX	Flam. Liq. 3; H226; On basis of test data Asp. Tox. 1; H304; On basis of test data Skin Sens. 1; H317; On basis of test data Aquatic Chronic 1; H410; On basis of test data	< 1 % wt/wt	6

¹Substance classified with a health or environmental hazard

²Substance with a workplace exposure limit

⁶Substance listed as additional information

Description of the mixture	Liquid mixture.
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SECTION 4: First aid measures

4.1. Description of first aid measures

General	Let yourself be treated by a doctor if you have complaints and symptoms. If there is a risk of unconsciousness, prepare the victim for transport in a stable sideways position.
Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
Skin contact	IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes. IF ON SKIN: Gently wash with plenty of soap and water. Get medical treatment in the event of complaints and symptoms.
Eye contact	Rinse eyes immediately and thoroughly for 15 minutes with open lids under running water, protecting uninjured eyes. Arrange for ophthalmological treatment in the event of complaints and symptoms.
Ingestion	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical treatment in the event of complaints and symptoms.

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

General symptoms and effects	see section 11.1
Acute symptoms and effects	SKIN CONTACT: Potential irritation and redness in the contact area. EYE CONTACT: May cause irritation and redness. Can cause excessive tearing. Digestion: possible pain and redness of the mouth and throat. INHALATION: Exposure may cause coughing or wheezing.
Delayed symptoms and effects	Delayed effects are to be expected after prolonged exposure.

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

Medical treatment	Decontamination, symptomatic treatment.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguishing measures to suit local situation and surroundings. Carbon dioxide (CO ₂). Powder. Alcohol resistant foam.
Improper extinguishing media	Water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Dangerous decomposition products may be released at high temperatures.
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5.3. Advice for firefighters

Special protective equipment for firefighters	Wear self-contained breathing apparatus when extinguishing. Wear protective clothing to prevent eye or skin contact.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Wear protective clothing as described in Section 8 of this safety data sheet. To prevent leakage, place leaking containers so that the leak is on top.
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6.2. Environmental precautions

Environmental precautionary measures	Avoid discharge into water courses or onto the ground. Comply with spills.
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6.3. Methods and material for containment and cleaning up

Clean up	Contain spillages with sand, earth or any suitable absorbent material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.
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6.4. Reference to other sections

Other instructions	cf. section 8 for personal protection, and section 13 for waste disposal.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Avoid contact with eyes and prolonged skin contact. Avoid forming spray/aerosol mists.
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7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in a cool and well-ventilated place. Store in tightly closed original container.
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7.3. Specific end use(s)

Recommendations	see section 1.2
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SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Citronellol, min. 96%	CAS No.: 106-22-9		
Dipentene (Limonene)	CAS No.: 5989-27-5	Country of origin: Germany Limit value type: AGW Limit value (8 h) : 28 mg/m ³ Exposure limit letter Letter code: AGW - short-term limit value AGW - long-term limit value Exposure limit letter Letter description: Workplace limit value - 15 minutes average value Workplace limit value - 8 hours shift average value Source: Technical rules for hazardous substances (TRGS) 900 Committee for hazardous substances (AGS) / Germany Limit value (short term) Value: 110 mg/m ³ Exposure limit letter Letter code: AGW - short-term value	

DNEL / PNEC

Substance

Citronellol, min. 96%

DNEL

Group: Professional

Route of exposure: Long-term inhalation (systemic)

Value: 161,6 mg/m³

Group: Professional

Route of exposure: Long-term inhalation (local)

Value: 10 mg/m³

Group: Professional

Route of exposure: Acute inhalation (local)

Value: 10 mg/m³

Group: Professional

Route of exposure: Long-term dermal (systemic)

Value: 327,4 mg/kg bw/day

Group: Professional

Route of exposure: Acute dermal (local)

Value: 2950 µg/kg bw/day

Group: Consumer

Route of exposure: Long-term inhalation (systemic)

Value: 47,8 mg/m³

Group: Consumer

Route of exposure: Long-term inhalation (local)

Value: 10 mg/m³

Group: Consumer

Route of exposure: Long-term dermal (systemic)

Value: 196,4 mg/kg bw/day

Group: Consumer

Route of exposure: Acute dermal (local)

Value: 2950 µg/kg bw/day

Group: Consumer

Route of exposure: Long-term oral (systemic)

Value: 13,8 mg/kg bw/day

PNEC

Route of exposure: Freshwater

Value: 0,0024 mg/l

Route of exposure: Saltwater

Value: 0,0024 mg/l

Route of exposure: Sewage treatment plant STP

Value: 580 mg/l

Route of exposure: Freshwater sediments

Value: 0,026 mg/l

Route of exposure: Saltwater sediments

Value: 0,003 mg/l

Route of exposure: Soil

Value: 0,0037

8.2. Exposure controls

Safety signs



Precautionary measures to prevent exposure

Appropriate engineering controls

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Eye / face protection

Suitable eye protection

Wear approved chemical safety goggles where eye exposure is reasonably probable. EN 166

Additional eye protection measures

Provide eye wash.

Hand protection

Suitable gloves type	Use suitable protective gloves if risk of skin contact. EN 374
Suitable materials	Butyl rubber gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable.
Breakthrough time	Value: ≤ 120 minute(s) Comments: With full contact
Thickness of glove material	Value: 0,4 mm

Skin protection

Suitable protective clothing	Use solvent-resistant protective clothing.
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Respiratory protection

Respiratory protection necessary at	In general, respiratory protection is not required. If there is a risk of aerosol formation, wear a half / full face mask with a particle filter.
Tasks needing respiratory protection	Emergencies

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Physical state	Non-viscous.
Colour	Light yellow.
Colour intensity	Light.
Odour	Lavender.
pH	Comments: Not relevant.
Melting point / melting range	Reason for waiving data: No data.
Freezing point	Reason for waiving data: No data.
Boiling point / boiling range	Reason for waiving data: No data.
Flash point	Value: 60 -93 °C
Evaporation rate	Reason for waiving data: No data.
Flammability (solid, gas)	Data lacking.
Lower explosion limit with unit of measurement	Reason for waiving data: No data.
Upper explosion limit with units of measurement	Reason for waiving data: No data.
Explosion limit	Reason for waiving data: No data.
Vapour pressure	Reason for waiving data: No data.
Vapour density	Reason for waiving data: No data.
Relative density	Value: 1,0180 -1,0420

Density	Reason for waiving data: No data.
Bulk density	Reason for waiving data: Cannot be determined.
Solubility	Medium: Water Comments: Not soluble in water.
Partition coefficient: n-octanol/ water	Reason for waiving data: No data.
Spontaneous combustability	Reason for waiving data: No data.
Decomposition temperature	Reason for waiving data: No data.
Viscosity	Comments: non-viscous Reason for waiving data: No data.
Explosive properties	Not explosive.
Oxidising properties	No oxidizing properties.

9.2. Other information

Other physical and chemical properties

Comments	No data recorded.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Stable under normal conditions.
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10.2. Chemical stability

Stability	Stable under normal storage and use conditions.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No hazardous reactions under regular storage and handlings conditions known.
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat.
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10.5. Incompatible materials

Materials to avoid	Strong acids and bases, strong oxidizing and reducing agents.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Carbon monoxide, carbon dioxide, organic decomposition products.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Substance	Citronellol, min. 96%
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Acute toxicity

Effect tested: LD50
Route of exposure: Dermal
Value: 2650 mg/kg bw /d
Animal test species: Rabbit

Effect tested: LD50
Route of exposure: Oral
Value: 3450 mg/kg bw /d
Animal test species: Rat

Substance

Dipentene (Limonene)

Acute toxicity

Effect tested: LD50
Route of exposure: Oral
Value: 5600 mg/kg bw /d
Animal test species: Mouse

Effect tested: LD50
Route of exposure: Oral
Value: 4400 mg/kg bw /d
Animal test species: Rat

Effect tested: LD50
Route of exposure: Subcutaneous.
Value: 3170 mg/kg bw /d
Animal test species: Mouse

Other information regarding health hazards

Assessment of acute toxicity, classification

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

Toxicokinetics

No data recorded.

Skin corrosion / irritation, other information

May irritate.

Eye damage or irritation other information

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

Assessment of skin sensitisation, classification

May cause an allergic skin reaction.

General

Effects are to be expected after prolonged exposure.

Inhalation

Exposure can cause coughing or wheezing.

Skin contact

Possible irritation and redness in the contact area.

Eye contact

It can cause irritation and redness. Can cause excessive tearing.

Ingestion

Possible soreness and redness of the mouth and throat.

Sensitisation

May cause an allergic skin reaction.

Mutagenicity

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

Carcinogenicity, other information

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

Reproductive toxicity

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

Assessment of specific target organ toxicity - single exposure, classification

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

Assessment of specific target organ toxicity - repeated exposure, classification

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

Assessment of aspiration hazard, classification

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

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

The product contains a substance which may cause long term adverse effects in the aquatic environment.

12.2. Persistence and degradability

Persistence and degradability description/evaluation

slightly bio-degradable

12.3. Bioaccumulative potential

Bioaccumulation, comments

The components of the product are not bioaccumulating.

12.4. Mobility in soil

Mobility

The product contains substances, which are bound to particulate matter and are withheld in the earth.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

Ozone depletion potential

Comments: Ozone depletion potential not known.

Photochemical ozone creation potential

Comments: Ozone formation potential not known.

Global warming potential

Comments: Global greenhouse effect not known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical

Check re-use possibilities. Residues and wastes as well as not completely emptied containers shall to be packed, closed, labelled and deposited acc. to national and regional legal regulations. Within EU the waste key codes of the European Waste Catalogue (EWC) acc. to Decision 2000/532/EC shall apply. The assignment of the waste to the EWC waste key codes corresponding to the sector of use and the processes is a task of the waste producer.

Appropriate methods of disposal for the contaminated packaging

Dispose of waste and residues in accordance with local authority requirements.

EWC waste code

EWC waste code: 160305 organic wastes containing dangerous substances
Classified as hazardous waste: Yes

EWL packing

EWC waste code: 150106 mixed packaging
Classified as hazardous waste: Yes

SECTION 14: Transport information

Dangerous goods

No

14.1. UN number

Comments

Not relevant.

14.2. UN proper shipping name

Comments

Not relevant.

14.3. Transport hazard class(es)

Comments

Not relevant.

14.4. Packing group

Comments

Not relevant.

14.5. Environmental hazards

ADR/RID/ADN

Not relevant.

IMDG

Not relevant.

ICAO/IATA

Not relevant.

14.6. Special precautions for user

Special safety precautions for user

see section 7

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Ship type required

Not relevant.

Pollution category

Not relevant.

ADR/RID Other information

Limited quantity

Not relevant.

ADN Other information

Special provisions

Not relevant.

IMDG Other information

Limited quantity

Not relevant.

ICAO/IATA Other information

Other transport, general

Not relevant.

SECTION 15: Regulatory information

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

EEC-directive Regulation (EC) No. 1907/2006 and Regulation (EC) 2015/830. Regulation (EC) No. 1272/2008 on classification, labeling and packaging of substances and mixtures.

References (laws/regulations)

United Kingdom / Great Britain (UK / GB):

Health and Safety at Work Act 1974.

The Managing for health and safety (HSG65) 2013.

L5 Control of substances hazardous to Health. The Control of Substances

Hazardous to Health Regulations 2002. Approved codes of practice and guidance.

Guidance Note EH40 – Occupational Exposure Limits.

BS EN ISO 10882-1:2001 – health and safety in welding and allied processes – sampling of air-borne particles and gases in the operator's breathing zone – part 1: sampling of airborne particles.

Irish Republic / Poblacht na hÉireann or Saorstát Éireann:

Chemical Acts 2008 (No. 13 of 2008).

Chemicals (Amendment) Act 2010 (No. 32. Of 2010).

Chemicals Act 2010 (Commencement) Order 2010 (S.I. No. 591).

Chemicals Act (Control of Major Accident Hazards involving Dangerous Substances) Regulations 2015 (S.I. No. 209 of 2015).

Chemicals (Asbestos Articles) Regulations 2011 (S.I. No. 248 of 2011).

The Chemicals Act (CLP Regulation) Regulations 2011 (S.I. No. 102 of 2011).

Guidance on the Chemicals Acts 2008 and 2010.

Informal Consolidation of the Chemicals Act 2008.

Chemicals (Amendment) Act 2010 and S.I. 213 of 2019.

Chemicals Act 2008 (Rotterdam Regulation) Regulations 2019 (S.I. No. 213 of 2019).

Safety, Health and Welfare Act 2005 (No. 10 of 2005).

Safety, Health and Welfare At Work (Chemical Agents) Regulations 2015 (S.I. No. 623 of 2015).

Safety, Health and Welfare At Work (Carcinogens) Regulations 2015 (S.I. No. 622 of 2015).

Safety, Health and Welfare at Work (Biological Agents) Regulations 2013 (S.I. No. 572 Of 2013).

Safety, Health and Welfare at Work (Exposure to Asbestos) (Amendment) Regulations 2010 (S.I. No. 589 of 2010).

15.2. Chemical safety assessment

Chemical safety assessment performed No

Chemical safety assessment No data recorded.

SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3) H226 Flammable liquid and vapour.
H228 Flammable solid.
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.
 H371 May cause damage to organs
 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.

Abbreviations and acronyms used

ACGIH: U.S. American Conference of Governmental Industrial Hygienists
 ADR: Accord Européen sur le Transport des Marchandises Dangereuses par Route / European Agreement concerning the International Carriage of Dangerous Goods by Road
 ATP: Adoption to technical progress
 CAS: Chemical Abstracts Service (section of the American Chemical Society)
 CLP: Classification, labelling and packaging of substances and mixtures
 DPD: Directive 1999/45/EC (Preparation Directive)
 DSD: Directive 67/548/EEC (Substance Directive)
 EC50: Effect Concentration, mean
 ECHA: European Chemicals Agency
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of New Commercial Chemical Substances
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals
 IATA: International Air Transport Association
 IC50: Inhibition Concentration, mean
 ICAO: International Civil Aviation Organization
 IMDG: International Maritime Code for Dangerous Goods
 IMO: International Maritime Organization
 LC50: Lethal Concentration, mean
 LD50: Lethal Dose, mean
 LOAEC: Lowest observed adverse effect concentration
 LOAEL: Lowest observed adverse effect level
 NOAEL: No observed adverse effect level
 NIOSH: U.S. National Institute for Occupational Safety and Health
 OSHA: U.S. Occupational Safety and Health Administration
 PBT: Persistent, bio-accumulative and toxic
 REACH: Regulation on the Registration, Evaluation, Authorization and Restriction of Chemicals
 RID: Règlement International Concernant le Transport des Marchandises Dangereuses par Chemin de Fer / Regulations Concerning the International Transport of Dangerous Goods by Rail
 vPvB: Very persistent and very bio-accumulative

Version

1

Comments

The information in this safety data sheet corresponds to the knowledge at the time of creation. The information is intended to provide guidelines for safe handling of the product mentioned in the safety data sheet during storage, processing, transport and disposal. However, the information does not represent guaranteed properties of the product and is not transferable to other products.

Insofar as the product mentioned in this safety data sheet is mixed, mixed or processed with other materials, the information in this safety data sheet, unless

expressly stated otherwise, cannot be transferred to the new material made in this way.