

Safety Data Sheet

according to Regulation (EC) No 1907/2006

NATURAL DIMETHYL DISULFIDE

Revision date: 19.02.2025

Product code: 353600

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

1.1. Product identifier

NATURAL DIMETHYL DISULFIDE

Substance name: NATURAL DIMETHYL DISULFIDE
CAS No: 624-92-0
Index No: 016-098-00-3
EC No: 210-871-0

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

Use of the substance/mixture

Manufacturing of: - Air care products - Perfumes, fragrances - Pharmaceuticals - Cosmetics, personal care products - Flavouring Substances - Other

1.3. Details of the supplier of the safety data sheet

Company name: Axxence Aromatic GmbH
Street: Tackenweide 28
Place: D-46446 Emmerich am Rhein
Telephone: + 49 2822 68561 0
E-mail: info@axxence.com
Contact person: Safety Team
E-mail: safety-documentation@axxence.com
Internet: www.axxence.de
Responsible Department: Safety Management

Telefax: + 49 2822 68561 39

Telephone: + 49 2822 68561 0

1.4. Emergency telephone number:

+49 2822 68561 99

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Flam. Liq. 2; H225
Acute Tox. 3; H331
Acute Tox. 3; H301
Eye Irrit. 2; H319
Skin Sens. 1; H317
STOT SE 1; H370
STOT SE 3; H336
Aquatic Acute 1; H400 (M-Factor = 1)
Aquatic Chronic 1; H410 (M-Factor = 10)

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Signal word: Danger

Pictograms:



Hazard statements

H225 Highly flammable liquid and vapour.
H301+H331 Toxic if swallowed or if inhaled.

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| | |
|------|---|
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| H370 | Causes damage to organs. |
| H410 | Very toxic to aquatic life with long lasting effects. |

Precautionary statements

| | |
|----------------|--|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P233 | Keep container tightly closed. |
| P240 | Ground and bond container and receiving equipment. |
| P241 | Use explosion-proof electrical/ventilating/lighting equipment. |
| P242 | Use non-sparking tools. |
| P243 | Take action to prevent static discharges. |
| P260 | Do not breathe dust/fume/gas/mist/vapours/spray. |
| P264 | Wash hands thoroughly after handling. |
| P270 | Do not eat, drink or smoke when using this product. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. |
| P301+P310 | IF SWALLOWED: Immediately call a POISON CENTER/doctor. |
| P330 | Rinse mouth. |
| P302+P352 | IF ON SKIN: Wash with plenty of Water and soap. |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. |
| P362+P364 | Take off contaminated clothing and wash it before reuse. |
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P311 | Call a POISON CENTER/doctor. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337+P313 | If eye irritation persists: Get medical advice/attention. |
| P308+P311 | IF exposed or concerned: Call a POISON CENTER/doctor. |
| P391 | Collect spillage. |
| P233 | Keep container tightly closed. |
| P403+P235 | Store in a well-ventilated place. Keep cool. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container to organic waste. |

2.3. Other hazards

This substance is not listed as Substance of Very High Concern (SVHC) in the Candidate List according to REACH, Article 59.

This substance is not identified as SVHC (substance of very high concern) and is not subject to authorisation according to Annex XIV of REACH.

SECTION 3: Composition/information on ingredients

3.1. Substances

| | |
|-------------------|------------|
| Sum formula: | C2 H6 S2 |
| Molecular weight: | 94,2 g/mol |

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Relevant ingredients

| CAS No | Chemical name | | | Quantity |
|----------|--|--------------|----------|----------|
| | EC No | Index No | REACH No | |
| | Classification (Regulation (EC) No 1272/2008) | | | |
| 624-92-0 | NATURAL DIMETHYL DISULFIDE | | | 100 % |
| | 210-871-0 | 016-098-00-3 | | |
| | Flam. Liq. 2, Acute Tox. 3, Acute Tox. 3, Eye Irrit. 2, Skin Sens. 1, STOT SE 1, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 1; H225 H331 H301 H319 H317 H370 H336 H400 H410 | | | |

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

| CAS No | EC No | Chemical name | Quantity |
|----------|---|--|----------|
| | | Specific Conc. Limits, M-factors and ATE | |
| 624-92-0 | 210-871-0 | NATURAL DIMETHYL DISULFIDE | 100 % |
| | inhalation: ATE 5 mg/l (vapours); dermal: LD50 = >5000 mg/kg; oral: ATE 190 mg/kg Aquatic Acute 1; H400: M=1 Aquatic Chronic 1; H410: M=10 | | |

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

First aider: Pay attention to self-protection! Remove affected person from the danger area and lay down.

After inhalation

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. No mouth-to-mouth or mouth-to-nose resuscitation. Use Ambu bag or ventilator. Call a physician immediately.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion

Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink 1 glass of water. Induce vomiting when the affected person is not unconscious. Call a physician immediately.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2), Foam, Extinguishing powder.

Unsuitable extinguishing media

Water.

5.2. Special hazards arising from the substance or mixture

Highly flammable. Vapours can form explosive mixtures with air.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

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Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Remove all sources of ignition. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

6.2. Environmental precautions

Do not allow uncontrolled discharge of product into the environment. Explosion risk.

6.3. Methods and material for containment and cleaning up

For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours can form explosive mixtures with air.

Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff. Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaust at critical locations. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints on joint storage

Do not store together with: Oxidizing agent. Pyrophoric or self-heating substances.

7.3. Specific end use(s)

Manufacturing of: - Air care products - Perfumes, fragrances - Pharmaceuticals - Cosmetics, personal care products - Flavouring Substances - Other

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL values

| CAS No | Name of agent | Exposure route | Effect | Value |
|--------------------------|----------------------------|----------------|-------------------------|-------|
| 624-92-0 | NATURAL DIMETHYL DISULFIDE | | | |
| Worker DNEL, acute | inhalation | local | 6,4 mg/m ³ | |
| Worker DNEL, acute | inhalation | systemic | 15,5 mg/m ³ | |
| Worker DNEL, long-term | dermal | systemic | 0,6 mg/kg bw/day | |
| Worker DNEL, long-term | dermal | local | 0,1 mg/cm ² | |
| Worker DNEL, acute | dermal | systemic | 3,5 mg/kg bw/day | |
| Worker DNEL, long-term | inhalation | systemic | 2,16 mg/m ³ | |
| Worker DNEL, acute | dermal | local | 0,6 mg/cm ² | |
| Worker DNEL, long-term | inhalation | local | 2,02 mg/m ³ | |
| Consumer DNEL, long-term | inhalation | systemic | 0,38 mg/m ³ | |
| Consumer DNEL, acute | inhalation | systemic | 3,8 mg/m ³ | |
| Consumer DNEL, long-term | inhalation | local | 0,24 mg/m ³ | |
| Consumer DNEL, acute | inhalation | local | 4,8 mg/m ³ | |
| Consumer DNEL, long-term | dermal | systemic | 0,3 mg/kg bw/day | |
| Consumer DNEL, acute | dermal | systemic | 1,7 mg/kg bw/day | |
| Consumer DNEL, long-term | dermal | local | 0,05 mg/cm ² | |
| Consumer DNEL, acute | dermal | local | 0,3 mg/cm ² | |

PNEC values

| CAS No | Name of agent | Value |
|--|----------------------------|---------------|
| 624-92-0 | NATURAL DIMETHYL DISULFIDE | |
| Freshwater | | 0,00025 mg/l |
| Freshwater (intermittent releases) | | 0,0097 mg/l |
| Marine water | | 0,000025 mg/l |
| Micro-organisms in sewage treatment plants (STP) | | 100 mg/l |
| Soil | | 1 mg/kg |

8.2. Exposure controls



Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Individual protection measures, such as personal protective equipment

Eye/face protection

Suitable eye protection: goggles.

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Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Flame-retardant protective clothing. Wear anti-static footwear and clothing . .

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Thermal hazards

Flame-retardant protective clothing. Wear anti-static footwear and clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|----------------|
| Physical state: | Liquid |
| Colour: | |
| Melting point/freezing point: | -85 °C |
| Boiling point or initial boiling point and boiling range: | 110 °C |
| Flammability: | not determined |
| Lower explosion limits: | 1,1 vol. % |
| Upper explosion limits: | 16,1 vol. % |
| Flash point: | 15 °C |
| Auto-ignition temperature: | 304 °C |
| Decomposition temperature: | not determined |
| pH-Value: | not determined |
| Viscosity / kinematic: (at 40 °C) | 0,47 mm²/s |
| Water solubility: (at 20 °C) | 2,7 g/l |
| Solubility in other solvents | not determined |
| Partition coefficient n-octanol/water: | 1,91 |
| Vapour pressure: (at 20 °C) | 30 hPa |
| Vapour pressure: (at 50 °C) | 124 hPa |
| Density (at 20 °C): | 1,06 g/cm³ |
| Relative vapour density: (at 20 °C) | 3,23 |

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

The product is not: Explosive.

Sustaining combustion:

Sustaining combustion

Oxidizing properties

The product is not: oxidising.

Other safety characteristics

Evaporation rate:

not determined

Solvent content:

0%

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Solid content: 0%
Viscosity / dynamic: 0,59 mPa·s
(at 20 °C)

SECTION 10: Stability and reactivity

10.1. Reactivity

Highly flammable.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Exothermic reaction with: strong oxidizing and reducing agents, strong bases

10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Vapours can form explosive mixtures with air.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

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

Acute toxicity

Toxic if swallowed.

Toxic if inhaled.

| CAS No | Chemical name | | | | |
|----------|----------------------------|------------------|---------|---------------|----------|
| | Exposure route | Dose | Species | Source | Method |
| 624-92-0 | NATURAL DIMETHYL DISULFIDE | | | | |
| | oral | ATE 190 mg/kg | | | |
| | dermal | LD50 >5000 mg/kg | Rat | REACH Dossier | OECD 402 |
| | inhalation vapour | ATE 5 mg/l | | | |

Irritation and corrosivity

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

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

May cause an allergic skin reaction. (NATURAL DIMETHYL DISULFIDE)

Carcinogenic/mutagenic/toxic effects 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

Causes damage to organs. (NATURAL DIMETHYL DISULFIDE)

May cause drowsiness or dizziness. (NATURAL DIMETHYL DISULFIDE)

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.

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11.2. Information on other hazards

Endocrine disrupting properties

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Very toxic to aquatic life with long lasting effects.

| CAS No | Chemical name | | | | | |
|----------|----------------------------|------------------|-----------|---------|---|---|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 624-92-0 | NATURAL DIMETHYL DISULFIDE | | | | | |
| | Acute fish toxicity | LC50 mg/l | 0,97 | 96 h | Oncorhynchus mykiss (Rainbow trout) | REACH Dossier EPA OPPTS Draft Guideline 850.1075 |
| | Acute algae toxicity | ErC50 mg/l | 0,55 | 96 h | | REACH Dossier OECD 201 |
| | Acute crustacea toxicity | EC50 mg/l | 1,82 | 48 h | Daphnia magna (Big water flea) | REACH Dossier OECD 202 |
| | Fish toxicity | NOEC mg/l | 0,936 | 28 d | Pimephales promelas (fathead minnow) | REACH Dossier OECD 210 |
| | Crustacea toxicity | NOEC mg/l | 0,0025 | 21 d | Daphnia magna (Big water flea) | REACH Dossier OECD 211 |
| | Acute bacteria toxicity | EC50 mg/l () | >1000 | 3 h | Activated sludge | REACH Dossier OECD 209 |

12.2. Persistence and degradability

The product has not been tested.

| CAS No | Chemical name | | | |
|----------|--|-------|----|---------------|
| | Method | Value | d | Source |
| | Evaluation | | | |
| 624-92-0 | NATURAL DIMETHYL DISULFIDE | | | |
| | OECD 301D | <10% | 28 | REACH Dossier |
| | Not readily biodegradable (according to OECD criteria) | | | |

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|----------|----------------------------|---------|
| 624-92-0 | NATURAL DIMETHYL DISULFIDE | 1,91 |

BCF

| CAS No | Chemical name | BCF | Species | Source |
|----------|----------------------------|-----|---------|--------|
| 624-92-0 | NATURAL DIMETHYL DISULFIDE | 0,3 | | |

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

The product has not been tested.

12.6. Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to non-target organisms.

No information available.

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12.7. Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing hazardous substances; hazardous waste

List of Wastes Code - used product

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing hazardous substances; hazardous waste

List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Hazardous waste according to Directive 2008/98/EC (waste framework directive). Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:

UN 2381

14.2. UN proper shipping name:

DIMETHYL DISULPHIDE

14.3. Transport hazard class(es):

3

14.4. Packing group:

II

Hazard label:

3+6.1



Classification code:

FT1

Limited quantity:

1 L

Excepted quantity:

E0

Transport category:

2

Hazard No:

336

Tunnel restriction code:

D/E

Other applicable information (land transport)

E2

Inland waterways transport (ADN)

14.1. UN number or ID number:

UN 2381

14.2. UN proper shipping name:

DIMETHYL DISULPHIDE

14.3. Transport hazard class(es):

3

14.4. Packing group:

II

Hazard label:

3+ 6.1

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Classification code: FT1
 Limited quantity: 1 L
 Excepted quantity: E0
Other applicable information (inland waterways transport)
 E2

Marine transport (IMDG)

14.1. UN number or ID number: UN 2381
14.2. UN proper shipping name: DIMETHYL DISULPHIDE
14.3. Transport hazard class(es): 3
14.4. Packing group: II
 Hazard label: 3+6.1



Marine pollutant: P
 Special Provisions: -
 Limited quantity: 1 L
 Excepted quantity: E0
 EmS: F-E, S-D

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 2381
14.2. UN proper shipping name: DIMETHYL DISULPHIDE
14.3. Transport hazard class(es): 3
14.4. Packing group: II
 Hazard label: 3+6.1



Limited quantity Passenger: Forbidden
 Passenger LQ: Forbidden
 IATA-packing instructions - Passenger: Forbidden
 IATA-max. quantity - Passenger: Forbidden
 IATA-packing instructions - Cargo: Forbidden
 IATA-max. quantity - Cargo: Forbidden

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes



Danger releasing substance: DIMETHYL DISULFIDE

14.6. Special precautions for user

Warning: Combustible liquid. Acute Toxicity.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

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EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40

Directive 2010/75/EU on industrial emissions: 100 % (1060 g/l)

Directive 2004/42/EC on VOC in paints and varnishes: 100 % (1060 g/l)

Information according to Directive 2012/18/EU (SEVESO III): H2 ACUTE TOXIC

Additional information: P5c, E1

Additional information

To follow: 850/2004/EC, 1107/2009/EC, 649/2012/EC

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D): 3 - highly hazardous to water

Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,2,4,5,6,7,8,9,11,14,16.

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Abbreviations and acronyms

Flam. Liq: Flammable liquid
 Acute Tox: Acute toxicity
 Eye Irrit: Eye irritation
 Skin Sens: Skin sensitisation
 STOT SE: Specific target organ toxicity - single exposure
 Aquatic Acute: Acute aquatic hazard
 Aquatic Chronic: Chronic aquatic hazard
 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 Harmonized 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
 LC50: Lethal concentration, 50%
 LD50: Lethal dose, 50%
 CLP: Classification, labelling and Packaging
 REACH: Registration, Evaluation and Authorization of Chemicals
 GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
 UN: United Nations
 DNEL: Derived No Effect Level
 DMEL: Derived Minimal Effect Level
 PNEC: Predicted No Effect Concentration
 ATE: Acute toxicity estimate
 LL50: Lethal loading, 50%
 EL50: Effect loading, 50%
 EC50: Effective Concentration 50%
 ErC50: Effective Concentration 50%, growth rate
 NOEC: No Observed Effect Concentration
 BCF: Bio-concentration factor
 PBT: persistent, bioaccumulative, toxic
 vPvB: very persistent, very bioaccumulative
 RID: Regulations concerning the international carriage of dangerous goods by rail
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
 EmS: Emergency Schedules
 MFAG: Medical First Aid Guide
 ICAO: International Civil Aviation Organization
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships
 IBC: Intermediate Bulk Container
 VOC: Volatile Organic Compounds
 SVHC: Substance of Very High Concern
 For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>
 For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Relevant H and EUH statements (number and full text)

| | |
|-----------|--------------------------------------|
| H225 | Highly flammable liquid and vapour. |
| H301 | Toxic if swallowed. |
| H301+H331 | Toxic if swallowed or if inhaled. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H331 | Toxic if inhaled. |

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| H336 | May cause drowsiness or dizziness. |
| H370 | Causes damage to organs. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

Identified uses

| No | Short title | LCS | SU | PC | PROC | ERC | AC | TF | Specification |
|----|-------------|-----|----|----|------|-----|----|----|---------------|
| 1 | | - | 4 | 28 | - | - | - | - | Flavour |

LCS: Life cycle stages

PC: Product categories

ERC: Environmental release categories

TF: Technical functions

SU: Sectors of use

PROC: Process categories

AC: Article categories