

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Dodecyl hydrogen sulfate Na salt, HPLC g

Revision: 04.11.2025

Product code: AC16.00144

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

1.1. Product identifier

Dodecyl hydrogen sulfate Na salt, HPLC g

REACH Registration Number: 01-2119489461-32-XXXX
CAS No: 151-21-3
EC No: 205-788-1

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

Use of the substance/mixture

Reagents and laboratory chemicals
Only for laboratory and analysis purposes.

Uses advised against

Do not use for private purposes (household).

1.3. Details of the supplier of the safety data sheet

Details of the supplier of the safety data sheet

Company name: AnalytiChem Services, Unipessoal, Lda
Street: Rua de Júlio Dinis 676 7º
Place: N-4050-320 Porto
Telephone: +351 226002917
E-mail: info@analytichem.com
Contact person: SDS service department
E-mail: SDS@analytichem.com
Internet: www.analytichem.com
Responsible Department: SDS service department

Supplier or manufacturer details

Company name: AnalytiChem Belgium NV
Street: Industriezone "De Arend" 2
Place: B-8210 Zedelgem
Telephone: +32 50 28 83 20
E-mail: info.be@analytichem.com
Contact person: SDS service department
E-mail: SDS@analytichem.com
Responsible Department: AnalytiChem:
EU-Belgium: AnalytiChem Belgium, Industriezone "De Arend" 2, 8210 Zedelgem, Belgium, +32 50 28 83 20
EU-Germany: AnalytiChem Germany, Stempelstrasse 6, 47167 Duisburg, Germany, +49 203 51 94 – 200
EU-Netherlands: AnalytiChem Netherlands, Communicatieweg 7, 3641 SG Mijdrecht, The Netherlands, +31 297 286848
UK: AnalytiChem UK, Unit 7 Launton Business Center, Murdock Road, Bicester, OX26 4XB, England, +44 1869 355 500
USA: AnalytiChem USA, 227 China Road, Winslow, Maine, 04901, United States, +1 800-244-8378
Canada: AnalytiChem Canada, 21800 Clark Graham Avenue, Baie d'Urfe, H9X 4B6, Canada, +1 514-457-0701
Australia: ORE Research & Exploration Pty Ltd, 37A Hosie Street, Bayswater North, 3153, Australia, +61 3 9729 0333
+353 1 901 4670 (CHEMTREC)

1.4. Emergency telephone number:

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Further Information

No data available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Flam. Sol. 2; H228
Acute Tox. 4; H332
Acute Tox. 4; H302
Skin Irrit. 2; H315
Eye Dam. 1; H318
STOT SE 3; H335
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Signal word: Danger

Pictograms:



Hazard statements

H228 Flammable solid.
H302+H332 Harmful if swallowed or if inhaled.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H412 Harmful 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.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P302+P352 IF ON SKIN: Wash with plenty of water and soap.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313 Get medical advice/attention.

2.3. Other hazards

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Sum formula: $C_{12}H_{25}OSO_2ONa$
Molecular weight: 288,37 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) | | | |
| 151-21-3 | sodium dodecyl sulphate | | | 100 % |
| | 205-788-1 | | 01-2119489461-32-XXXX | |
| | Flam. Sol. 2, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, STOT SE 3, Aquatic Chronic 3; H228 H332 H302 H315 H318 H335 H412 | | | |

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 | | |
| 151-21-3 | 205-788-1 | sodium dodecyl sulphate | 100 % |
| | inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = > 2000 mg/kg; oral: LD50 = 1200 mg/kg | | |

Further Information

This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH), Article 57 above the respective regulatory concentration limit of = 0.1 % (w/w).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

No data available

After inhalation

Provide fresh air.

Call a physician immediately.

After contact with skin

Wash immediately with: Water and soap

Take off immediately all contaminated clothing and wash it before reuse.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

Remove contact lenses, if present and easy to do. Continue rinsing.

Consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water.

Call a physician immediately.

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

Irritant

corrosive

Cough

Dyspnoea

Risk of serious damage to eyes.

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

No data available

SECTION 5: Firefighting measures

5.1. Extinguishing media

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Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

no restriction

5.2. Special hazards arising from the substance or mixture

Combustible solids

Hazardous combustion products

In case of fire may be liberated:

Sulphur oxides

5.3. Advice for firefighters

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

Avoid contact with skin, eyes and clothes.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Suppress gases/vapours/mists with water spray jet.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Provide adequate ventilation.

Use personal protection equipment.

Avoid contact with skin, eyes and clothes.

Remove persons to safety.

Emergency procedures

Consult an expert

Do not breathe dust/fume/gas/mist/vapours/spray.

For emergency responders

Precautionary statements For emergency responders : Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

Danger of explosion

6.3. Methods and material for containment and cleaning up**For containment**

Cover drains.

Prevent spread over a wide area (e.g. by containment or oil barriers).

Collect in closed and suitable containers for disposal.

Take up carefully when dry. Take up dust-free and set down dust-free.

For cleaning up

Clean contaminated articles and floor according to the environmental legislation.

Other information

Provide adequate ventilation.

Do not breathe dust/fume/gas/mist/vapours/spray.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

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

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7.1. Precautions for safe handling**Advice on safe handling**

Avoid dust formation.
Do not breathe dust.
Read label before use.

Advice on protection against fire and explosion

Take action to prevent static discharges.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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 or drink.

Further information on handling

Wash hands and face before breaks and after work and take a shower if necessary.
Take off immediately all contaminated clothing and wash it before reuse.
Draw up and observe skin protection programme.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Store in a dry place.
Keep cool. Protect from sunlight.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints on joint storage

national regulations

Further information on storage conditions

Keep container tightly closed.
storage temperature: +5°C - +30°C

7.3. Specific end use(s)

Laboratory chemicals

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****DNEL/DMEL values**

| CAS No | Substance | | | |
|--------------------------|-------------------------|----------------|----------|-------------------|
| DNEL type | | Exposure route | Effect | Value |
| 151-21-3 | sodium dodecyl sulphate | | | |
| Worker DNEL, long-term | | inhalation | systemic | 285 mg/m³ |
| Worker DNEL, long-term | | dermal | systemic | 4060 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | systemic | 85 mg/m³ |
| Consumer DNEL, long-term | | dermal | systemic | 2440 mg/kg bw/day |
| Consumer DNEL, long-term | | oral | systemic | 24 mg/kg bw/day |

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PNEC values

| CAS No | Substance | |
|--|-------------------------|-------------|
| Environmental compartment | | Value |
| 151-21-3 | sodium dodecyl sulphate | |
| Freshwater | | 0,176 mg/l |
| Freshwater (intermittent releases) | | 0,055 mg/l |
| Marine water | | 0,018 mg/l |
| Freshwater sediment | | 6,97 mg/kg |
| Marine sediment | | 0,697 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 1,35 mg/l |
| Soil | | 1,29 mg/kg |

8.2. Exposure controls**Appropriate engineering controls**

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Provide adequate ventilation as well as local exhaust at critical locations.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Suitable eye protection: goggles.

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.

Protective gloves are recommended Company KCL GmbH, D-36124 Eichenzell, email: vertrieb@kcl.de With specification (test according to EN374):

By long-term hand contact

Trade name/designation: KCL 741 Dermatrill® L

Recommended material: NBR (Nitrile rubber) 0,11 mm

Wearing time with permanent contact: > 480 min

By short-term hand contact

Trade name/designation: KCL 741 Dermatrill® L

Recommended material: NBR (Nitrile rubber) 0,11 mm

Wearing time with occasional contact (splashes): > 480 min

The breakthrough times stated above were determined by KCL in laboratory tests acc. to EN374 with samples of the recommended glove types. This recommendation applies only to the product stated in the safety data sheet (>, <) supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

Skin protection

Wear suitable protective clothing.

The choice of body protection depends on the concentration and quantity of hazardous substances. The chemical resistance of protective agents must be clarified with their suppliers.

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Respiratory protection

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Filtering device with filter or ventilator filtering device of type: P2

The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

Environmental exposure controls

Do not allow to enter into surface water or drains.

Danger of explosion

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

| | |
|---|------------------------|
| Physical state: | solid |
| Colour: | white |
| Odour: | odourless |
| Odour threshold: | not determined |
| Melting point/freezing point: | 204-207 °C |
| Boiling point or initial boiling point and boiling range: | ~216 °C |
| Flammability: | No data available |
| Lower explosion limits: | not determined |
| Upper explosion limits: | not determined |
| Flash point: | No data available |
| Auto-ignition temperature: | not determined |
| Decomposition temperature: | 380 °C |
| pH-Value (at 20 °C): | 6 - 9 (10 g/l) |
| Viscosity / kinematic: | not determined |
| Water solubility: (at 20 °C) | 130 g/l |
| Solubility in other solvents | not determined |
| Dissolution rate: | not determined |
| Partition coefficient n-octanol/water: | log Pow: 0 |
| Dispersion stability: | not determined |
| Vapour pressure: (at 20 °C) | < 0 hPa |
| Vapour pressure: | not determined |
| Density: | No data available |
| Relative density: | not determined |
| Bulk density: | ~400 kg/m ³ |
| Relative vapour density: | not determined |
| Particle characteristics: | not determined |

9.2. Other information**Information with regard to physical hazard classes****Explosive properties**

Danger of dust explosion.

The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

Sustained combustibility: No data available

Self-ignition temperature

Solid: not determined

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| | |
|-------------------------------------|----------------|
| Gas: | not applicable |
| Oxidizing properties | |
| No data available | |
| Other safety characteristics | |
| Evaporation rate: | not determined |
| Solvent separation test: | not determined |
| Solvent content: | not determined |
| Solid content: | 100% |
| Sublimation point: | not determined |
| Softening point: | not determined |
| Pour point: | not determined |
| not determined: | |
| Viscosity / dynamic: | not determined |
| Flow time: | not determined |

Further Information

not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

Danger of dust explosion.

The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Oxidising agent

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

In case of fire may be liberated:

SECTION 5: Firefighting measures

Further information

No data available

SECTION 11: Toxicological information

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

Toxicocinetics, metabolism and distribution

No data available

Acute toxicity

Harmful if inhaled.

Harmful if swallowed.

Mucous membrane irritation in the mouth, throat, esophagus and gastrointestinal tract.

Inhalation effect: Damage to the respiratory tract.

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| CAS No | Chemical name | | | | |
|----------|-------------------------|-------------------|---------|---------------------------|--------------------|
| | Exposure route | Dose | Species | Source | Method |
| 151-21-3 | sodium dodecyl sulphate | | | | |
| | oral | LD50 1200 mg/kg | Rat | Other company data (1983) | OECD Guideline 401 |
| | dermal | LD50 > 2000 mg/kg | Rat | Study report (2012) | OECD Guideline 402 |
| | inhalation vapour | ATE 11 mg/l | | | |
| | inhalation dust/mist | ATE 1,5 mg/l | | | |

Irritation and corrosivity

Skin corrosion/irritation: Causes skin irritation.

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

Possible risk of irreversible effects. (eyes)

Sensitising effects

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

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

May cause respiratory irritation. (sodium dodecyl sulphate)

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.

Information on likely routes of exposure

No data available

Specific effects in experiment on an animal

No data available

Additional information on tests

No data available

Practical experience

No data available

11.2. Information on other hazards**Endocrine disrupting properties**

No data available

Other information

No data available

Further information

Irritant

corrosive

Cough

Dyspnoea

Risk of serious damage to eyes.

SECTION 12: Ecological information**12.1. Toxicity**

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Harmful to aquatic life with long lasting effects.

| CAS No | Chemical name | | | | | |
|----------|--------------------------|--------------------|-----------|---|--|--|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 151-21-3 | sodium dodecyl sulphate | | | | | |
| | Acute fish toxicity | LC50 29 mg/l | 96 h | Pimephales promelas | Study report (2004) | OECD Guideline 203 |
| | Acute algae toxicity | ErC50 > 120 mg/l | 72 h | Desmodesmus subspicatus | Study report (1994) | other: DIN 38412, part 9 |
| | Acute crustacea toxicity | EC50 3,15 mg/l | 48 h | Artemia salina | Journal of the Water Pollution Control F | Static mortality test on Artemia nauplii |
| | Fish toxicity | NOEC >= 1,357 mg/l | 42 d | Pimephales promelas | Bulletin of Environmental Contamination | 42 day exposure of fish in aquaria provi |
| | Crustacea toxicity | NOEC 0,88 mg/l | 7 d | Ceriodaphnia dubia | Environmental Toxicology and Water Quali | other: EPA-600/489/001: Short term metho |
| | Acute bacteria toxicity | EC50 135 mg/l () | 3 h | activated sludge of a predominantly domestic sewage | Water Research 17(10): 1363-1368 (1983) | other: OECD Environment directorate prop |

12.2. Persistence and degradability

95 %; 28 d; aerob

OECD 301 B

Readily biodegradable (according to OECD criteria).

12.3. Bioaccumulative potential**Partition coefficient n-octanol/water**

| CAS No | Chemical name | Log Pow |
|----------|-------------------------|---------|
| 151-21-3 | sodium dodecyl sulphate | 0 |

BCF

| CAS No | Chemical name | BCF | Species | Source |
|----------|-------------------------|-------|-----------------|----------------------|
| 151-21-3 | sodium dodecyl sulphate | ca. 4 | Cyprinus carpio | Chemosphere 11, 917- |

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

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

12.6. Endocrine disrupting properties

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

12.7. Other adverse effects

Discharge into the environment must be avoided.

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

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Send to a physico-chemical treatment facility under observation of official regulations.

Do not mix with other wastes.

Do not empty into drains.

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

SECTION 14: Transport information**Land transport (ADR/RID)**

| | |
|--|--|
| 14.1. UN number or ID number: | UN 1325 |
| 14.2. UN proper shipping name: | FLAMMABLE SOLID, ORGANIC, N.O.S. (sodium dodecyl sulphate) |
| 14.3. Transport hazard class(es): | 4.1 |
| 14.4. Packing group: | III |
| Hazard label: | 4.1 |
| Classification code: | F1 |
| Special Provisions: | 274 |
| Limited quantity: | 5 kg |
| Excepted quantity: | E1 |
| Transport category: | 3 |
| Hazard No: | 40 |
| Tunnel restriction code: | E |

Inland waterways transport (ADN)

| | |
|--|--|
| 14.1. UN number or ID number: | UN 1325 |
| 14.2. UN proper shipping name: | FLAMMABLE SOLID, ORGANIC, N.O.S. (sodium dodecyl sulphate) |
| 14.3. Transport hazard class(es): | 4.1 |
| 14.4. Packing group: | III |
| Hazard label: | 4.1 |
| Classification code: | F1 |
| Special Provisions: | 274 |
| Limited quantity: | 5 kg |
| Excepted quantity: | E1 |

Marine transport (IMDG)

| | |
|--|--|
| 14.1. UN number or ID number: | UN 1325 |
| 14.2. UN proper shipping name: | FLAMMABLE SOLID, ORGANIC, N.O.S. (sodium dodecyl sulphate) |
| 14.3. Transport hazard class(es): | 4.1 |
| 14.4. Packing group: | III |
| Hazard label: | 4.1 |
| Special Provisions: | 223, 274 |
| Limited quantity: | 5 kg |
| Excepted quantity: | E1 |
| EmS: | F-A, S-G |

Air transport (ICAO-TI/IATA-DGR)

| | |
|--|--|
| 14.1. UN number or ID number: | UN 1325 |
| 14.2. UN proper shipping name: | FLAMMABLE SOLID, ORGANIC, N.O.S. (sodium dodecyl sulphate) |
| 14.3. Transport hazard class(es): | 4.1 |
| 14.4. Packing group: | III |
| Hazard label: | 4.1 |
| Special Provisions: | A3 A803 |
| Limited quantity Passenger: | 10 kg |
| Passenger LQ: | Y443 |

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| | | |
|--|----|--------|
| Excepted quantity: | E1 | |
| IATA-packing instructions - Passenger: | | 446 |
| IATA-max. quantity - Passenger: | | 25 kg |
| IATA-packing instructions - Cargo: | | 449 |
| IATA-max. quantity - Cargo: | | 100 kg |

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

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****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 40

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

Not subject to 2012/18/EU (SEVESO III)

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):

2 - obviously hazardous to water

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 9,12.

Abbreviations and acronyms

Flam. Sol. 2: Flammable solids, hazard category 2

Acute Tox. 4: Acute toxicity, hazard category 4

Skin Irrit. 2: Skin irritation, hazard category 2

Eye Dam. 1: Serious eye damage, hazard category 1

STOT SE 3: Specific target organ toxicity - single exposure, hazard category 3

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

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%

Relevant H and EUH statements (number and full text)

H228 Flammable solid.

H302 Harmful if swallowed.

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| | |
|-----------|--|
| H302+H332 | Harmful if swallowed or if inhaled. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |
| H412 | Harmful to aquatic life with long lasting effects. |

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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.

Provide appropriate information, instructions and training to users