

Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



D/E Neutralizing Agar for microbiology

article number: **8850**
Version: **GHS 1.0 en**

date of compilation: 2021-09-23

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

1.1 Product identifier

Identification of the substance **D/E Neutralizing Agar** for microbiology
Article number 8850

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

Relevant identified uses: Laboratory chemical
Laboratory and analytical use
Uses advised against: Do not use for products which come into contact with foodstuffs. Do not use for private purposes (household).

1.3 Details of the supplier of the safety data sheet

Carl Roth GmbH + Co KG
Schoemperlenstr. 3-5
D-76185 Karlsruhe
Germany

Telephone: +49 (0) 721 - 56 06 0

Telefax: +49 (0) 721 - 56 06 149

e-mail: sicherheit@carlroth.de

Website: www.carlroth.de

Competent person responsible for the safety data sheet: Department Health, Safety and Environment

e-mail (competent person): sicherheit@carlroth.de

1.4 Emergency telephone number

| Name | Street | Postal code/city | Telephone | Website |
|--|-----------------|--------------------|-----------|---------|
| NSW Poisons Information Centre Childrens Hospital | Hawkesbury Road | 2145 Westmead, NSW | 131126 | |

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification acc. to GHS

| Section | Hazard class | Category | Hazard class and category | Hazard statement |
|---------|--------------------|----------|---------------------------|------------------|
| 3.4S | Skin sensitisation | 1 | Skin Sens. 1 | H317 |

Supplemental hazard information

| Code | Supplemental hazard information |
|--------|--|
| EUH031 | contact with acids liberates toxic gas |

For full text of abbreviations: see SECTION 16

2.2 Label elements

Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



D/E Neutralizing Agar for microbiology

article number: 8850

Labelling

Signal word

Warning

Pictograms

GHS07



Hazard statements

H317 May cause an allergic skin reaction

Precautionary statements

Precautionary statements - prevention

P261 Avoid breathing dust/fume/gas/mist/vapours/spray
P280 Wear protective gloves/protective clothing/eye protection/face protection

Precautionary statements - response

P302+P352 IF ON SKIN: Wash with plenty of soap and water
P321 Specific treatment (see on this label)
P333+P313 If skin irritation or rash occurs: Get medical advice/attention

Precautionary statements - disposal

P501 Dispose of contents/container to industrial combustion plant

Supplemental hazard information

EUH031 Contact with acids liberates toxic gas.

Hazardous ingredients for labelling: Sodium thioglycolate

2.3 Other hazards

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

not relevant (mixture)

3.2 Mixtures

Description of the mixture

| Name of substance | Identifier | Wt% | Classification acc. to GHS | Pictograms | Notes | |
|-------------------------------|------------------|----------|--|------------|-------|--|
| Sodium hydrogen-sulphite ...% | CAS No 7631-90-5 | 2 - < 10 | Acute Tox. 4 / H302 EUH031 | | B(a) | |
| Sodium thioglycolate | CAS No 367-51-1 | 1 - < 2 | Met. Corr. 1 / H290 Acute Tox. 3 / H301 Acute Tox. 4 / H312 Skin Sens. 1 / H317 | | | |

Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



D/E Neutralizing Agar for microbiology

article number: **8850**

Notes

B(a): The classification refers to an aqueous solution

For full text of abbreviations: see SECTION 16

SECTION 4: First aid measures

4.1 Description of first aid measures



General notes

Take off contaminated clothing.

Following inhalation

Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

Following skin contact

After contact with skin, wash immediately with plenty of water. In case of skin reactions, consult a physician.

Following eye contact

Rinse cautiously with water for several minutes. In all cases of doubt, or when symptoms persist, seek medical advice.

Following ingestion

Rinse mouth. Call a doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Allergic reactions, Irritant effects, Gastrointestinal complaints, Diarrhoea, Vomiting

4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5: Firefighting measures

5.1 Extinguishing media



Suitable extinguishing media

co-ordinate firefighting measures to the fire surroundings
water, foam, alcohol resistant foam, dry extinguishing powder, ABC-powder

Unsuitable extinguishing media

water jet

5.2 Special hazards arising from the substance or mixture

Combustible.

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO₂)

D/E Neutralizing Agar for microbiology

article number: 8850

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures



For non-emergency personnel

Do not breathe dust. Prevent skin contact.

6.2 Environmental precautions

Keep away from drains, surface and ground water.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains. Take up mechanically.

Advice on how to clean up a spill

Take up mechanically. Control of dust.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid dust formation. Do not mix with acids.

Measures to prevent fire as well as aerosol and dust generation

Removal of dust deposits.

Advice on general occupational hygiene

Wash hands before breaks and after work. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a cool place.

Incompatible substances or mixtures

Observe hints for combined storage.

Consideration of other advice:

Ventilation requirements

Use local and general ventilation.

Specific designs for storage rooms or vessels

Recommended storage temperature: 2 – 8 °C

Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



D/E Neutralizing Agar for microbiology

article number: **8850**

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

National limit values

Occupational exposure limit values (Workplace Exposure Limits)

| Country | Name of agent | CAS No | Identifier | TWA [mg/m ³] | STEL [mg/m ³] | Ceiling-C [mg/m ³] | Notation | Source |
|---------|---|-----------|------------|--------------------------|---------------------------|--------------------------------|----------|--------|
| AU | sodium bisulfite (sodium hydrogensulfite) | 7631-90-5 | WES | 5 | | | | WES |

Notation

Ceiling-C
STEL

Ceiling value is a limit value above which exposure should not occur
Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA

Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

Relevant DNELs of components of the mixture

| Name of substance | CAS No | Endpoint | Threshold level | Protection goal, route of exposure | Used in | Exposure time |
|-------------------------------|-----------|----------|------------------------|------------------------------------|-------------------|----------------------------|
| Sodium hydrogen-sulphite ...% | 7631-90-5 | DNEL | 246 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| Sodium thioglycolate | 367-51-1 | DNEL | 1.41 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| Sodium thioglycolate | 367-51-1 | DNEL | 2.06 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |

Relevant PNECs of components of the mixture

| Name of substance | CAS No | Endpoint | Threshold level | Organism | Environmental compartment | Exposure time |
|-------------------------------|-----------|----------|-----------------|-------------------|------------------------------|------------------------------|
| Sodium hydrogen-sulphite ...% | 7631-90-5 | PNEC | 1.09 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| Sodium hydrogen-sulphite ...% | 7631-90-5 | PNEC | 0.11 mg/l | aquatic organisms | marine water | short-term (single instance) |
| Sodium hydrogen-sulphite ...% | 7631-90-5 | PNEC | 10.71 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| Sodium thioglycolate | 367-51-1 | PNEC | 380 µg/l | aquatic organisms | water | intermittent release |
| Sodium thioglycolate | 367-51-1 | PNEC | 38 µg/l | aquatic organisms | freshwater | short-term (single instance) |
| Sodium thioglycolate | 367-51-1 | PNEC | 3.8 µg/l | aquatic organisms | marine water | short-term (single instance) |
| Sodium thioglycolate | 367-51-1 | PNEC | 3.2 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |

D/E Neutralizing Agar for microbiology

article number: 8850

8.2 Exposure controls

Individual protection measures (personal protective equipment)

Eye/face protection



Use safety goggle with side protection.

Skin protection



• hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. 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. The times are approximate values from measurements at 22 ° C and permanent contact. Increased temperatures due to heated substances, body heat etc. and a reduction of the effective layer thickness by stretching can lead to a considerable reduction of the breakthrough time. If in doubt, contact manufacturer. At an approx. 1.5 times larger / smaller layer thickness, the respective breakthrough time is doubled / halved. The data apply only to the pure substance. When transferred to substance mixtures, they may only be considered as a guide.

• type of material

NBR (Nitrile rubber)

• material thickness

>0,11 mm

• breakthrough times of the glove material

>480 minutes (permeation: level 6)

• other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended.

Respiratory protection



Respiratory protection necessary at: Dust formation. Particulate filter device (EN 143). P1 (filters at least 80 % of airborne particles, colour code: White).

Environmental exposure controls

Keep away from drains, surface and ground water.

Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



D/E Neutralizing Agar for microbiology

article number: **8850**

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|--|---|
| Physical state | solid |
| Form | powder, crystalline |
| Colour | violet |
| Odour | characteristic |
| Melting point/freezing point | not determined |
| Boiling point or initial boiling point and boiling range | not determined |
| Flammability | this material is combustible, but will not ignite readily |
| Lower and upper explosion limit | not determined |
| Flash point | not applicable |
| Auto-ignition temperature | not determined |
| Decomposition temperature | not relevant |
| pH (value) | 7.4 – 7.8 (in aqueous solution: 54 g/l, 25 °C) |
| Kinematic viscosity | not relevant |
| <u>Solubility(ies)</u> | |
| Water solubility | 54 g/l at 100 °C |
| <u>Partition coefficient</u> | |
| Partition coefficient n-octanol/water (log value): | this information is not available |
| Vapour pressure | not determined |
| Density | not determined |
| Relative vapour density | information on this property is not available |
| Particle characteristics | No data available. |

Other safety parameters

Oxidising properties none

9.2 Other information

Information with regard to physical hazard classes: hazard classes acc. to GHS (physical hazards): not relevant

Other safety characteristics: There is no additional information.

Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



D/E Neutralizing Agar for microbiology

article number: 8850

SECTION 10: Stability and reactivity

10.1 Reactivity

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

10.5 Incompatible materials

There is no additional information.

Release of toxic materials with

Acids.

10.6 Hazardous decomposition products

Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to GHS

Acute toxicity

Shall not be classified as acutely toxic.

| Acute toxicity estimate (ATE) of components of the mixture | | | |
|--|-----------|----------------|-------------|
| Name of substance | CAS No | Exposure route | ATE |
| Sodium hydrogensulphite ...% | 7631-90-5 | oral | 500 mg/kg |
| Sodium thioglycolate | 367-51-1 | oral | 200 mg/kg |
| Sodium thioglycolate | 367-51-1 | dermal | 1,500 mg/kg |

| Acute toxicity of components of the mixture | | | | | |
|---|-----------|--------------------------|----------|----------------|---------|
| Name of substance | CAS No | Exposure route | Endpoint | Value | Species |
| Sodium hydrogensulphite ...% | 7631-90-5 | inhalation: dust/mist | LC50 | >5.5 mg/l/4h | rat |
| Sodium hydrogensulphite ...% | 7631-90-5 | dermal | LD50 | >2,000 mg/kg | rat |
| Sodium thioglycolate | 367-51-1 | oral | LD50 | 50 - 200 mg/kg | rat |

Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



D/E Neutralizing Agar for microbiology

article number: 8850

| Acute toxicity of components of the mixture | | | | | |
|---|----------|----------------|----------|-----------------------|---------|
| Name of substance | CAS No | Exposure route | Endpoint | Value | Species |
| Sodium thioglycolate | 367-51-1 | dermal | LD50 | >1,000 - ≤2,000 mg/kg | rat |

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

Symptoms related to the physical, chemical and toxicological characteristics

• If swallowed

diarrhoea, vomiting, gastrointestinal complaints

• If in eyes

Data are not available.

• If inhaled

Inhalation of dust may cause irritation of the respiratory system

• If on skin

May produce an allergic reaction, pruritis, localised redness

• Other information

none

11.2 Endocrine disrupting properties

None of the ingredients are listed.

Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



D/E Neutralizing Agar for microbiology

article number: 8850

SECTION 12: Ecological information

12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

| Aquatic toxicity (acute) of components of the mixture | | | | | |
|---|-----------|----------|-----------|-----------------------|---------------|
| Name of substance | CAS No | Endpoint | Value | Species | Exposure time |
| Sodium hydrogen-sulphite ...% | 7631-90-5 | LC50 | 62.3 mg/l | fish | 96 h |
| Sodium hydrogen-sulphite ...% | 7631-90-5 | EC50 | 89 mg/l | aquatic invertebrates | 48 h |
| Sodium hydrogen-sulphite ...% | 7631-90-5 | ErC50 | 43.8 mg/l | algae | 72 h |
| Sodium thioglycolate | 367-51-1 | LC50 | >100 mg/l | fish | 96 h |
| Sodium thioglycolate | 367-51-1 | EC50 | >100 mg/l | aquatic invertebrates | 48 h |
| Sodium thioglycolate | 367-51-1 | ErC50 | >100 mg/l | algae | 72 h |

| Aquatic toxicity (chronic) of components of the mixture | | | | | |
|---|-----------|----------|-------------|----------------|---------------|
| Name of substance | CAS No | Endpoint | Value | Species | Exposure time |
| Sodium hydrogen-sulphite ...% | 7631-90-5 | EC50 | >1,000 mg/l | microorganisms | 3 h |
| Sodium thioglycolate | 367-51-1 | EC50 | 530 mg/l | microorganisms | 3 h |

Biodegradation

Data are not available.

12.2 Process of degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

| Bioaccumulative potential of components of the mixture | | | | |
|--|----------|-----|----------------------------|----------|
| Name of substance | CAS No | BCF | Log KOW | BOD5/COD |
| Sodium thioglycolate | 367-51-1 | | -2.99 (pH value: 7, 22 °C) | |

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Endocrine disrupting properties

None of the ingredients are listed.

12.7 Other adverse effects

Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



D/E Neutralizing Agar for microbiology

article number: 8850

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods



This material and its container must be disposed of as hazardous waste. Dispose of contents/container in accordance with local/regional/national/international regulations.

Sewage disposal-relevant information

Do not empty into drains.

13.3 Remarks

Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions.

SECTION 14: Transport information

- | | |
|---|---|
| 14.1 UN number | not subject to transport regulations |
| 14.2 UN proper shipping name | not assigned |
| 14.3 Transport hazard class(es) | not assigned |
| 14.4 Packing group | not assigned |
| 14.5 Environmental hazards | non-environmentally hazardous acc. to the dangerous goods regulations |
| 14.6 Special precautions for user | There is no additional information. |
| 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code | The cargo is not intended to be carried in bulk. |
| 14.8 <u>Information for each of the UN Model Regulations</u> | |
| Transport information National regulations Additional information (UN RTDG) | Not subject to transport regulations. UN RTDG |
| International Maritime Dangerous Goods Code (IMDG) - Additional information | Not subject to IMDG. |
| International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information | Not subject to ICAO-IATA. |

D/E Neutralizing Agar for microbiology

article number: **8850**

SECTION 15: Regulatory information

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

There is no additional information.

Other information

Directive 94/33/EC on the protection of young people at work. Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

National inventories

| Country | Inventory | Status |
|---------|------------|--------------------------------|
| AU | AICS | not all ingredients are listed |
| CA | DSL | not all ingredients are listed |
| CN | IECSC | all ingredients are listed |
| EU | ECSI | all ingredients are listed |
| EU | REACH Reg. | not all ingredients are listed |
| JP | CSCL-ENCS | not all ingredients are listed |
| JP | ISHA-ENCS | not all ingredients are listed |
| KR | KECI | not all ingredients are listed |
| MX | INSQ | not all ingredients are listed |
| NZ | NZIoC | all ingredients are listed |
| PH | PICCS | all ingredients are listed |
| TR | CICR | not all ingredients are listed |
| TW | TCSI | all ingredients are listed |
| US | TSCA | not all ingredients are listed |

Legend

| | |
|------------|---|
| AICS | Australian Inventory of Chemical Substances |
| CICR | Chemical Inventory and Control Regulation |
| CSCL-ENCS | List of Existing and New Chemical Substances (CSCL-ENCS) |
| DSL | Domestic Substances List (DSL) |
| ECSI | EC Substance Inventory (EINECS, ELINCS, NLP) |
| IECSC | Inventory of Existing Chemical Substances Produced or Imported in China |
| INSQ | National Inventory of Chemical Substances |
| ISHA-ENCS | Inventory of Existing and New Chemical Substances (ISHA-ENCS) |
| KECI | Korea Existing Chemicals Inventory |
| NZIoC | New Zealand Inventory of Chemicals |
| PICCS | Philippine Inventory of Chemicals and Chemical Substances (PICCS) |
| REACH Reg. | REACH registered substances |
| TCSI | Taiwan Chemical Substance Inventory |
| TSCA | Toxic Substance Control Act |

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

D/E Neutralizing Agar for microbiology

article number: **8850**

SECTION 16: Other information

Abbreviations and acronyms

| Abbr. | Descriptions of used abbreviations |
|------------|--|
| Acute Tox. | Acute toxicity |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| BOD | Biochemical Oxygen Demand |
| CAS | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances) |
| Ceiling-C | Ceiling value |
| COD | Chemical oxygen demand |
| DGR | Dangerous Goods Regulations (see IATA/DGR) |
| DNEL | Derived No-Effect Level |
| EC50 | Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| ELINCS | European List of Notified Chemical Substances |
| ErC50 | ≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control |
| GHS | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations |
| IATA | International Air Transport Association |
| IATA/DGR | Dangerous Goods Regulations (DGR) for the air transport (IATA) |
| ICAO | International Civil Aviation Organization |
| IMDG | International Maritime Dangerous Goods Code |
| LC50 | Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval |
| LD50 | Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval |
| log KOW | n-Octanol/water |
| MARPOL | International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant") |
| Met. Corr. | Substance or mixture corrosive to metals |
| NLP | No-Longer Polymer |
| PBT | Persistent, Bioaccumulative and Toxic |
| PNEC | Predicted No-Effect Concentration |
| Skin Sens. | Skin sensitisation |
| STEL | Short-term exposure limit |
| TWA | Time-weighted average |
| UN RTDG | UN Recommendations on the Transport of Dangerous Good |
| vPvB | Very Persistent and very Bioaccumulative |

Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



D/E Neutralizing Agar for microbiology

article number: **8850**

| Abbr. | Descriptions of used abbreviations |
|-------|---|
| WES | Safe Work Australia: Workplace exposure standards for airborne contaminants |

Key literature references and sources for data

Safe Work Australia's Code of Practice for Labelling of Workplace Hazardous Chemicals (under WHS Regulations).

UN Recommendations on the Transport of Dangerous Goods. International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties. The classification is based on tested mixture. Health hazards. Environmental hazards. The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in chapter 2 and 3)

| Code | Text |
|------|--------------------------------------|
| H290 | May be corrosive to metals. |
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| H312 | Harmful in contact with skin. |
| H317 | May cause an allergic skin reaction. |

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.