

**Thioglycolic acid 80% v.p.**

Revision: 21.03.2025

Product code: AC12.00505

Page 1 of 12

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Thioglycolic acid 80% v.p.

REACH Registration Number: 01-2119494933-24-XXXX  
CAS No: 68-11-1  
Index No: 607-090-00-6  
EC No: 200-677-4  
UFI: EQ6J-02SJ-KWCG-QJJ6

**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

**Thioglycolic acid 80% v.p.**

Revision: 21.03.2025

Product code: AC12.00505

Page 2 of 12

**1.4. Emergency telephone number:** +44 20 3807 3798 (CHEMTREC)**Further Information**

No data available

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

Acute Tox. 3; H331

Acute Tox. 3; H311

Acute Tox. 3; H301

Skin Corr. 1B; H314

Full text of hazard statements: see SECTION 16.

**2.2. Label elements****Regulation (EC) No 1272/2008**

Signal word: Danger

Pictograms:

**Hazard statements**

H301+H311+H331 Toxic if swallowed, in contact with skin or if inhaled.

H314 Causes severe skin burns and eye damage.

**Precautionary statements**

|                |  |
|----------------|--|
| P280           | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.                                    |
| P301+P330+P331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.   |
| P302+P352      | IF ON SKIN: Wash with plenty of water and soap.  |
| P304+P340      | IF INHALED: Remove person to fresh air and keep comfortable for breathing.   |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310           | Immediately call a POISON CENTER/doctor.   |

**2.3. Other hazards**

No data available

**SECTION 3: Composition/information on ingredients****3.1. Substances**

Sum formula: C2H4O2S

Molecular weight: 92,11 g/mol

## Thioglycolic acid 80% v.p.

Revision: 21.03.2025

Product code: AC12.00505

Page 3 of 12

## Relevant ingredients

| CAS No  | Chemical name  |              |                       | Quantity |
|---------|--|--------------|-----------------------|----------|
|         | EC No  | Index No     | REACH No              |          |
|         | Classification (Regulation (EC) No 1272/2008)                                |              |                       |          |
| 68-11-1 | thioglycolic acid  |              |                       | 100 %    |
|         | 200-677-4  | 607-090-00-6 | 01-2119494933-24-XXXX |          |
|         | Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B; H331 H311 H301 H314 |              |                       |          |

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   |                   |          |
| 68-11-1 | 200-677-4  | thioglycolic acid | 100 %    |
|         | inhalation: ATE = 3 mg/l (vapours); inhalation: ATE = 0,5 mg/l (dusts or mists); dermal: LD50 = 848 mg/kg; oral: LD50 = 73 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

Self-protection of the first aider

## After inhalation

Provide fresh air.  
If breathing is irregular or stopped, administer artificial respiration.  
Call a physician immediately.

## After contact with skin

Wash immediately with: Water  
Take off immediately all contaminated clothing and wash it before reuse.  
Call a physician immediately.

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

## After ingestion

Rinse mouth immediately and drink plenty of water.  
Do not allow a neutralisation agent to be drunk.  
Call a physician immediately.

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

Irritant  
corrosive  
Dyspnoea  
Cough  
Risk of serious damage to eyes.

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

No data available

**Thioglycolic acid 80% v.p.**

Revision: 21.03.2025

Product code: AC12.00505

Page 4 of 12

**SECTION 5: Firefighting measures****5.1. Extinguishing media****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 liquids

Hazardous combustion products

In case of fire may be liberated: Sulphur oxides

In case of warming:

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

In case of fire and/or explosion do not breathe fumes.

Avoid contact with skin, eyes and clothes.

**Additional information**

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

Move undamaged containers from immediate hazard area if it can be done safely.

Use water spray jet to protect personnel and to cool endangered containers.

**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.

**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.

**Thioglycolic acid 80% v.p.**

Revision: 21.03.2025

Product code: AC12.00505

Page 5 of 12

**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**

Avoid exposure - obtain special instructions before use.

Read label before use. Handle and open container with care.

When using do not eat, drink, smoke, sniff. Keep container tightly closed.

Use personal protection equipment. Use extractor hood (laboratory).

Do not breathe vapour/aerosol.

Provide adequate ventilation.

**Advice on protection against fire and explosion**

In case of warming: Vapours are heavier than air, spread along floors and form explosive mixtures with air.

**Advice on general occupational hygiene**

Keep away from food, drink and animal feedingstuffs.

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.

**Further information on handling**

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

Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. If handled uncovered, arrangements with local exhaust ventilation have to be used.

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

Store in a well-ventilated place. Keep container tightly closed.

Store in a place accessible by authorized persons only.

**Hints on joint storage**

Take national regulations into account.

**Further information on storage conditions**

Keep cool. Protect from sunlight.

storage temperature: +2°C - +8°C

**7.3. Specific end use(s)**

Laboratory chemicals

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits (EH40)**

| CAS No  | Substance           | ppm | mg/m <sup>3</sup> | fibres/ml | Category  | Origin |
|---------|---------------------|-----|-------------------|-----------|-----------|--------|
| 68-11-1 | Mercaptoacetic acid | 1   | 3.8               |           | TWA (8 h) | WEL    |

## Thioglycolic acid 80% v.p.

Revision: 21.03.2025

Product code: AC12.00505

Page 6 of 12

## DNEL/DMEL values

| CAS No                   | Substance         | Exposure route | Effect   | Value                  |
|--------------------------|-------------------|----------------|----------|------------------------|
| DNEL type                |                   |                |          |                        |
| 68-11-1                  | thioglycolic acid |                |          |                        |
| Worker DNEL, long-term   |                   | inhalation     | systemic | 1,58 mg/m <sup>3</sup> |
| Worker DNEL, acute       |                   | inhalation     | systemic | 4,54 mg/m <sup>3</sup> |
| Worker DNEL, acute       |                   | inhalation     | local    | 4,54 mg/m <sup>3</sup> |
| Worker DNEL, long-term   |                   | dermal         | systemic | 2,24 mg/kg bw/day      |
| Consumer DNEL, long-term |                   | inhalation     | systemic | 0,28 mg/m <sup>3</sup> |
| Consumer DNEL, long-term |                   | dermal         | systemic | 0,8 mg/kg bw/day       |
| Consumer DNEL, long-term |                   | oral           | systemic | 0,08 mg/kg bw/day      |

## PNEC values

| CAS No   | Substance         | Value       |
|--|-------------------|-------------|
| Environmental compartment                        |                   |             |
| 68-11-1  | thioglycolic acid |             |
| Freshwater                                       |                   | 0,027 mg/l  |
| Freshwater (intermittent releases)               |                   | 0,27 mg/l   |
| Marine water                                     |                   | 0,003 mg/l  |
| Freshwater sediment                              |                   | 0,1 mg/kg   |
| Marine sediment                                  |                   | 0,01 mg/kg  |
| Micro-organisms in sewage treatment plants (STP) |                   | 0,5 mg/l    |
| Soil   |                   | 0,004 mg/kg |

**8.2. Exposure controls****Appropriate engineering controls**

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

If handled uncovered, arrangements with local exhaust ventilation have to be used.

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

goggles

Face protection umbrella

**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.

Suitable examples are gloves of KCL GmbH, D-36124 Eichenzell, e-mail: vertrieb@kcl.de with the following specification (test according to EN 374):

By long-term hand contact

Trade name/designation: KCL 897 Butoject®

**Thioglycolic acid 80% v.p.**

Revision: 21.03.2025

Product code: AC12.00505

Page 7 of 12

Recommended material: Butyl caoutchouc (butyl rubber) 0,3 mm

Wearing time with permanent contact: &gt; 480 min

By short-term hand contact

Trade name/designation: KCL 720 Camapren®

Recommended material: CR (polychloroprene, chloroprene rubber) 0,65 mm

Wearing time with occasional contact (splashes): &gt; 240 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](http://www.kcl.de)).

**Skin protection**

Protective clothing, acid-resistant

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

Wash hands and face before breaks and after work and take a shower if necessary.

Draw up and observe skin protection programme.

**Respiratory protection**

Respiratory protection necessary at: aerosol or mist formation

Filtering device (full mask or mouthpiece) with filter: B

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.

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

|  |                   |
|--|-------------------|
| Physical state:  | Liquid            |
| Colour:  | colourless        |
| Odour:   | characteristic    |
| Odour threshold:   | No data available |
| Melting point/freezing point:                                | -16,5 °C          |
| Boiling point or initial boiling point and<br>boiling range: | 220 °C            |
| Flammability:  | No data available |
| Lower explosion limits:                                      | No data available |
| Upper explosion limits:                                      | No data available |
| Flash point:   | 131,5 °C          |
| Auto-ignition temperature:                                   | No data available |
| Decomposition temperature:                                   | No data available |
| pH-Value (at 20 °C):   | 1                 |
| Viscosity / kinematic:                                       | No data available |
| Water solubility:  | Soluble in: Water |
| Solubility in other solvents                                 |                   |
| No data available  |                   |
| Dissolution rate:  | No data available |
| Partition coefficient n-octanol/water:                       | log Pow: -2,99    |
| Dispersion stability:  | No data available |

Revision: 21.03.2025

**Thioglycolic acid 80% v.p.**

Product code: AC12.00505

Page 8 of 12

|                           |                         |
|---------------------------|-------------------------|
| Vapour pressure:          | 0,1 hPa                 |
| (at 20 °C)                |                         |
| Vapour pressure:          | No data available       |
| Density (at 20 °C):       | 1,325 g/cm <sup>3</sup> |
| Relative density:         | No data available       |
| Bulk density:             | No data available       |
| Relative vapour density:  | No data available       |
| Particle characteristics: | No data available       |

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

In case of warming: Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Sustained combustibility: No data available

**Self-ignition temperature**

Solid: No data available

Gas: No data available

**Oxidizing properties**

No data available

**Other safety characteristics**

Evaporation rate: No data available

Solvent separation test: No data available

Solvent content: No data available

Solid content: No data available

Sublimation point: No data available

Softening point: No data available

Pour point: No data available

Viscosity / dynamic: 6,55 mPa·s  
(at 20 °C)

Flow time: No data available

**Further Information**

No data available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

In case of warming: Vapours may form explosive mixtures with air.

**10.2. Chemical stability**

Protect against: Heat

storage temperature: +2°C - +8°C

**10.3. Possibility of hazardous reactions**

Oxidising agent

Alkali (lye)

**10.4. Conditions to avoid**

Heat

**10.5. Incompatible materials**

Metal

**10.6. Hazardous decomposition products**

SECTION 5: Firefighting measures

**Thioglycolic acid 80% v.p.**

Revision: 21.03.2025

Product code: AC12.00505

Page 9 of 12

**Further information**

No data available

**SECTION 11: Toxicological information****11.1. Information on hazard classes****Toxicokinetics, metabolism and distribution**

Avoid exposure - obtain special instructions before use.

**Acute toxicity**

Toxic if inhaled.

Toxic in contact with skin.

Toxic if swallowed.

If swallowed danger of perforation of the esophagus and the stomach (strong corrosive effects).

Inhalation effect: Damage to the respiratory tract.

Symptoms may be delayed.

| CAS No  | Chemical name        |               |          |        |                     |                    |
|---------|----------------------|---------------|----------|--------|---------------------|--------------------|
|         | Exposure route       | Dose          | Species  | Source | Method              |                    |
| 68-11-1 | thioglycolic acid    |               |          |        |                     |                    |
|         | oral                 | LD50          | 73 mg/kg | Rat    | Study report (1988) | OECD Guideline 401 |
|         | dermal               | LD50<br>mg/kg | 848      | Rabbit | Study report (1973) | OECD Guideline 402 |
|         | inhalation vapour    | ATE           | 3 mg/l   |        |                     |                    |
|         | inhalation dust/mist | ATE           | 0,5 mg/l |        |                     |                    |

**Irritation and corrosivity**

Skin corrosion/irritation: Causes severe skin burns and eye damage.

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

**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**

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

**STOT-repeated exposure**

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

**Aspiration hazard**

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

Observe risk of aspiration if vomiting occurs.

**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

**Thioglycolic acid 80% v.p.**

Revision: 21.03.2025

Product code: AC12.00505

Page 10 of 12

**Other information**

Irritant  
corrosive  
Dyspnoea  
Cough  
Risk of serious damage to eyes.

**Further information**

No data available

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

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

| CAS No  | Chemical name            | Aquatic toxicity | Dose     | [h]   [d] | Species                            | Source                 | Method                |
|---------|--------------------------|------------------|----------|-----------|------------------------------------|------------------------|-----------------------|
| 68-11-1 | thioglycolic acid        |                  |          |           |                                    |                        |                       |
|         | Acute fish toxicity      | LC50<br>mg/l     | > 100    | 96 h      | Oncorhynchus mykiss                | Study report<br>(2008) | OECD Guideline<br>203 |
|         | Acute algae toxicity     | ErC50            | 13 mg/l  | 72 h      | Pseudokirchneriella<br>subcapitata | Study report<br>(2001) | OECD Guideline<br>201 |
|         | Acute crustacea toxicity | EC50             | 38 mg/l  | 48 h      | Daphnia magna                      | Study report<br>(1997) | OECD Guideline<br>202 |
|         | Acute bacteria toxicity  | EC50<br>( )      | 530 mg/l | 3 h       | Activated sludge                   | Study report<br>(2004) | OECD Guideline<br>209 |

**12.2. Persistence and degradability**

70 %; 28 d

OECD 301D

Readily biodegradable (according to OECD criteria).

**12.3. Bioaccumulative potential**

No indication of bioaccumulation potential.

**Partition coefficient n-octanol/water**

| CAS No  | Chemical name     | Log Pow |
|---------|-------------------|---------|
| 68-11-1 | thioglycolic acid | -2,99   |

**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 UK REACH.

**12.6. Endocrine disrupting properties**

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

**12.7. Other adverse effects**

Do not allow to enter into surface water or drains.

**Further information**

Avoid release to the environment.

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

**Thioglycolic acid 80% v.p.**

Revision: 21.03.2025

Product code: AC12.00505

Page 11 of 12

**Disposal recommendations**

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

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

Do not mix with other wastes.

**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)**

|  |                   |
|--|-------------------|
| <b>14.1. UN number or ID number:</b>     | UN 1940           |
| <b>14.2. UN proper shipping name:</b>    | THIOGLYCOLIC ACID |
| <b>14.3. Transport hazard class(es):</b> | 8                 |
| <b>14.4. Packing group:</b>              | II                |
| Hazard label:                            | 8                 |
| Classification code:                     | C3                |
| Limited quantity:                        | 1 L               |
| Excepted quantity:                       | E2                |
| Transport category:                      | 2                 |
| Hazard No:                               | 80                |
| Tunnel restriction code:                 | E                 |

**Inland waterways transport (ADN)**

|  |                   |
|--|-------------------|
| <b>14.1. UN number or ID number:</b>     | UN 1940           |
| <b>14.2. UN proper shipping name:</b>    | THIOGLYCOLIC ACID |
| <b>14.3. Transport hazard class(es):</b> | 8                 |
| <b>14.4. Packing group:</b>              | II                |
| Hazard label:                            | 8                 |
| Classification code:                     | C3                |
| Limited quantity:                        | 1 L               |
| Excepted quantity:                       | E2                |

**Marine transport (IMDG)**

|  |                   |
|--|-------------------|
| <b>14.1. UN number or ID number:</b>     | UN 1940           |
| <b>14.2. UN proper shipping name:</b>    | THIOGLYCOLIC ACID |
| <b>14.3. Transport hazard class(es):</b> | 8                 |
| <b>14.4. Packing group:</b>              | II                |
| Hazard label:                            | 8                 |
| Special Provisions:                      | -                 |
| Limited quantity:                        | 1 L               |
| Excepted quantity:                       | E2                |
| EmS:                                     | F-A, S-B          |

**Air transport (ICAO-TI/IATA-DGR)**

|  |                   |
|--|-------------------|
| <b>14.1. UN number or ID number:</b>     | UN 1940           |
| <b>14.2. UN proper shipping name:</b>    | THIOGLYCOLIC ACID |
| <b>14.3. Transport hazard class(es):</b> | 8                 |
| <b>14.4. Packing group:</b>              | II                |
| Hazard label:                            | 8                 |
| Limited quantity Passenger:              | 0.5 L             |
| Passenger LQ:                            | Y840              |
| Excepted quantity:                       | E2                |

IATA-packing instructions - Passenger:

851

**Thioglycolic acid 80% v.p.**

Revision: 21.03.2025

Product code: AC12.00505

Page 12 of 12

|                                    |      |
|------------------------------------|------|
| IATA-max. quantity - Passenger:    | 1 L  |
| IATA-packing instructions - Cargo: | 855  |
| IATA-max. quantity - Cargo:        | 30 L |

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**Other applicable information**

Transportzeiten max. 1 - 2 Wochen. Temperaturen über +10°C führen zu Veränderungen des Ladegutes (Bildung von 1,4-Dithioglycolid) / Transport times max. 1 - 2 weeks. Temperatures above +10°C cause alterations to the goods transported or stored (by formation of 1,4-dithioglycolides)

**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 3, Entry 75

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

**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): 1 - slightly hazardous to water

**SECTION 16: Other information****Abbreviations and acronyms**

Acute Tox. 3: Acute toxicity, hazard category 3

Skin Corr. 1B: Skin corrosion, sub-category 1B

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

**Relevant H and EUH statements (number and full text)**

|                |   |
|----------------|---|
| H301           | Toxic if swallowed.                                     |
| H301+H311+H331 | Toxic if swallowed, in contact with skin or if inhaled. |
| H311           | Toxic in contact with skin.                             |
| H314           | Causes severe skin burns and eye damage.                |
| H318           | Causes serious eye damage.                              |
| H331           | Toxic if inhaled.                                       |

**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