

according to Regulation (EC) No 1907/2006

# Silbernitratlösung 2,5 % zur Analyse

Revision date: 17.03.2025

Product code: 28349

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

## 1.1. Product identifier

Silbernitratlösung 2,5 % zur Analyse

UFI:

#### PWGH-M2XX-800F-CV75

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

# Use of the substance/mixture

Laboratory chemicals

Industrial uses: Uses of substances as such or in preparations at industrial sites

Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

# Uses advised against

Do not use for private purposes (household).

## 1.3. Details of the supplier of the safety data sheet

| Company name:            | AnalytiChem GmbH  |   |
|--------------------------|---|---|
|                          | ACD   |   |
| Street:                  | Stempelstraße 6   |   |
| Place:                   | D-47167 Duisburg  |   |
| Telephone:               | 0203/5194-0   | Telefax:0203/5194-290   |
| E-mail:                  | info@analytichem.de   |   |
| Contact person:          | Abteilung Produktsicherheit   | Telephone:0203/5194-107/117   |
| E-mail:                  | produktsicherheit@analytichem.de  |   |
| Internet:                | www.analytichem.de  |   |
| Responsible Department:  | Abteilung Produktsicherheit   |   |
| 1.4. Emergency telephone | For Hazardous Materials [or Dangerou  | us Goods] Incidents Spill, Leak, Fire,  |
| number:                  | Exposure, or Accident Call CHEMTRE<br>1-800-424-9300 Outside USA and Car<br>accepted) | C Day or Night Within USA and Canada:<br>nada: +1 703-741-5970 (collect calls |

#### **Further Information**

This product is a mixture. REACH Registration Number see section 3.

# **SECTION 2: Hazards identification**

# 2.1. Classification of the substance or mixture

#### Regulation (EC) No 1272/2008

Skin Irrit. 2; H315 Eye Irrit. 2; H319 Aquatic Acute 1; H400 Aquatic Chronic 1; H410

Full text of hazard statements: see SECTION 16.

Warning

# 2.2. Label elements

# Regulation (EC) No 1272/2008

Signal word:

Pictograms:



# Hazard statements

H315 H319

Causes skin irritation. Causes serious eye irritation.



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|--------------------------------------|--|--------------|--|--|--|
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| H410                                 | Very toxic to aquatic life with long lasting effects.  |              |  |  |  |
| Precautionary statemer               | nts  |              |  |  |  |
| P273                                 | Avoid release to the environment.  |              |  |  |  |
| P280                                 | Wear protective gloves/protective clothing and eye protection/face protection.   |              |  |  |  |
| P305+P351+P338                       | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |              |  |  |  |
| P302+P352                            | IF ON SKIN: Wash with plenty of water.   |              |  |  |  |
| P501                                 | Dispose of contents/container in accordance with local/regional/national/international regulations.                              |              |  |  |  |

#### 2.3. Other hazards

No information available.

# **SECTION 3: Composition/information on ingredients**

## 3.2. Mixtures

#### Chemical characterization

Mixtures in aqueous solution

#### **Relevant ingredients**

| CAS No    | Chemical name   | Chemical name |                  |  |  |  |
|-----------|---|---------------|------------------|--|--|--|
|           | EC No Index No REACH No   |               |                  |  |  |  |
|           | Classification (Regulation (EC) No 1272/2008)   |               |                  |  |  |  |
| 7761-88-8 | silver nitrate  |               |                  |  |  |  |
|           | 231-853-9   | 047-001-00-2  | 01-2119513705-43 |  |  |  |
|           | Ox. Sol. 2, Met. Corr. 1, Skin Corr. 1B, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1; H272<br>H290 H314 H318 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                |           |
| 7761-88-8 | 231-853-9      | silver nitrate                           | 1 - < 5 % |
|           |                | = > 348 mg/kg; oral: LD50 = > 2000 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 doctor if you feel unwell.

#### 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

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.



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

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

Methaemoglobinaemia

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

No data available

# **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

Non-combustible liquids Hazardous combustion products In case of fire may be liberated: Nitrogen oxides (NOx)

# 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

### General advice

Corrosive to metals.

## 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.



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Prevent spread over a wide area (e.g. by containment or oil barriers). Collect in closed and suitable containers for disposal.

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

### 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**

# 7.1. Precautions for safe handling

# Advice on safe handling

Read label before use. When using do not eat, drink, smoke, sniff. Handle and open container with care. Use personal protection equipment. Provide adequate ventilation. Do not breathe vapour/aerosol. Avoid contact with skin, eyes and clothes.

# Advice on protection against fire and explosion

Usual measures for fire prevention.

#### Advice on general occupational hygiene

Keep away from food, drink and animal feedingstuffs. 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. Avoid: aerosol or mist formation Do not breathe vapour/aerosol.

#### Further information on handling

Draw up and observe skin protection programme. 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.

# 7.2. Conditions for safe storage, including any incompatibilities

## Requirements for storage rooms and vessels

Corrosive to metals. Protect against: Light

# Hints on joint storage

national regulations

# Further information on storage conditions

Keep container tightly closed.

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

Laboratory chemicals

# **SECTION 8: Exposure controls/personal protection**

# 8.1. Control parameters

Revision No: 1,04 - Replaces version: 1,03



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## **DNEL/DMEL** values

| CAS No       | Substance      |                |          |                      |
|--------------|----------------|----------------|----------|----------------------|
| DNEL type    |                | Exposure route | Effect   | Value                |
| 7761-88-8    | silver nitrate |                |          |                      |
| Worker DNEL, | long-term      | inhalation     | systemic | 0,016 mg/m³          |
| Consumer DNE | EL, long-term  | inhalation     | systemic | 0,006 mg/m³          |
| Consumer DNE | EL, long-term  | oral           |          | 0,02 mg/kg<br>bw/day |

#### **PNEC** values

| CAS No   | Substance      |              |
|--|----------------|--------------|
| Environmenta                                     | al compartment | Value        |
| 7761-88-8  | silver nitrate |              |
| Freshwater                                       |                | 0,00004 mg/l |
| Marine water                                     |                | 0,00086 mg/l |
| Freshwater sediment 438,13 mg                    |                |              |
| Marine sediment 438,                             |                |              |
| Micro-organisms in sewage treatment plants (STP) |                | 0,025 mg/l   |
| Soil   |                | 1,41 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

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.

#### Skin protection

Wear suitable protective clothing. Take off immediately all contaminated clothing.

Wash hands before breaks and after work.

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.

# **Respiratory protection**

Respiratory protection necessary at: aerosol or mist formation

The entrepeneur 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.

# Thermal hazards

No data available

# Environmental exposure controls

Do not allow to enter into surface water or drains.



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# **SECTION 9: Physical and chemical properties**

# 9.1. Information on basic physical and chemical properties

| 9.1. Information on basic physical a   | nd chemical properties |                           |
|--|------------------------|---------------------------|
| Physical state:                        | Liquid                 |                           |
| Colour:                                | colourless             |                           |
| Odour:                                 | odourless              |                           |
| Odour threshold:                       | No data available      |                           |
| Melting point/freezing point:          |                        | not determined            |
| Boiling point or initial boiling point | and                    | ?                         |
| boiling range:                         |                        |                           |
| Flammability:                          |                        | No data available         |
| Lower explosion limits:                |                        | No data available         |
| Upper explosion limits:                |                        | No data available         |
| Flash point:                           |                        | No data available         |
| Auto-ignition temperature:             |                        | No data available         |
| Decomposition temperature:             |                        | No data available         |
| pH-Value:                              |                        | acidic 4-7                |
| Viscosity / kinematic:                 |                        | No data available         |
| Solubility in other solvents           |                        |                           |
| not determined                         |                        |                           |
| Dissolution rate:                      |                        | No data available         |
| Partition coefficient n-octanol/wate   | ar.                    | No data available         |
| Dispersion stability:                  | ×1.                    | No data available         |
| Vapour pressure:                       |                        | No data available         |
| Vapour pressure:                       |                        | No data available         |
| Density:                               |                        | 1,01965 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 physi       | cal hazard classes     |                           |
| Explosive properties                   |                        |                           |
| No data available                      |                        | NI 17 111                 |
| Sustained combustibility:              |                        | No data available         |
| Self-ignition temperature              |                        | 6 B 11                    |
| Solid:                                 |                        | not applicable            |
| Gas:                                   |                        | not applicable            |
| Oxidizing properties                   |                        |                           |
| Not oxidising.                         |                        |                           |
| Other safety characteristics           |                        |                           |
| Evaporation rate:                      |                        | not determined            |
| Solvent separation test:               |                        | No data available         |
| Solvent content:                       |                        | 0                         |
| Solid content:                         |                        | 0                         |
| Sublimation point:                     |                        | No data available         |
| Softening point:                       |                        | No data available         |
| Pour point:                            |                        | No data available         |
| No data available:                     |                        |                           |
| Viscosity / dynamic:                   |                        | No data available         |
| Flow time:                             |                        | No data available         |
|  |                        |                           |



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### **Further Information**

Corrosive to metals.

### **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

#### 10.2. Chemical stability

Protect against: Light

#### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4. Conditions to avoid

Light

# 10.5. Incompatible materials

Metal

# 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

There are no data available on the mixture itself.

#### Acute toxicity

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

## ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

| CAS No    | Chemical name  |               |        |            |   |                    |  |  |  |
|-----------|----------------|---------------|--------|------------|---|--------------------|--|--|--|
|           | Exposure route | Dose          |        | Species    | Source                                      | Method             |  |  |  |
| 7761-88-8 | silver nitrate |               |        |            |   |                    |  |  |  |
|           | oral           | LD50<br>mg/kg | > 2000 | Rat        | Study report (1993)                         | OECD Guideline 401 |  |  |  |
|           | dermal         | LD50<br>mg/kg | > 348  | Guinea pig | J. Vet. Med. Sci.73:<br>1417 - 1423. (2011) | OECD Guideline 434 |  |  |  |

#### Irritation and corrosivity

Skin corrosion/irritation: Causes skin irritation.

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

#### Sensitising effects

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

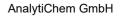
# Carcinogenic/mutagenic/toxic effects for reproduction

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.





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# 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

There are no data available on the mixture itself.

# Specific effects in experiment on an animal

There are no data available on the mixture itself.

#### Additional information on tests

There are no data available on the mixture itself.

#### Practical experience

There are no data available on the mixture itself.

# 11.2. Information on other hazards

#### Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

## Other information

There are no data available on the mixture itself.

#### Further information

There are no data available on the mixture itself.

#### **SECTION 12: Ecological information**

#### 12.1. Toxicity

Very toxic to aquatic life.

Very toxic to aquatic life with long lasting effects.

| CAS No   | Chemical name            |                   |           |           |                                    |  |  |  |
|----------|--------------------------|-------------------|-----------|-----------|------------------------------------|--|--|--|
|          | Aquatic toxicity         | Dose              |           | [h]   [d] | Species                            | Source   | Method   |  |
| 761-88-8 | silver nitrate           |                   |           |           |                                    |  |  |  |
|          | Acute fish toxicity      | LC50<br>mg/l      | 0,0012    | 96 h      | Pimephales promelas                | Environmental<br>Toxicology and<br>Chemistry.  | A guideline was<br>not specified. The<br>test  |  |
|          | Acute algae toxicity     | ErC50<br>mg/l     | 0,0099    | 96 h      | Pseudokirchneriella<br>subcapitata | Environmental<br>Science and<br>Technology. 44 | eline: U.S.<br>Environmental<br>Protection Age |  |
|          | Acute crustacea toxicity | EC50<br>mg/l      | 0,00022   | 48 h      | Daphnia magna                      | Environmental<br>Toxicology and<br>Chemistry.  | The protective<br>effect of reactive<br>sulphi |  |
|          | Fish toxicity            | NOEC<br>0,00125 m | ><br>ng/l | 73 d      | Oncorhynchus mykiss                | Environmental<br>Toxicology and<br>Chemistry 2 | other: ASTM<br>1241-98                         |  |
|          | Algae toxicity           | NOEC<br>mg/l      | 0,0012    | 14 d      | Champia parvula                    | in Bishop WE,<br>Cardwell RD<br>Heidolph BB (E | The toxicity tests<br>lasted 11 days for<br>th |  |
|          | Crustacea toxicity       | NOEC<br>mg/l      | 0,00031   | 20 d      | Isonychia bicolour                 | Environmental<br>Toxicology and<br>Chemistry.  | 20 day sublethal<br>effects on<br>representati |  |

#### 12.2. Persistence and degradability

The product has not been tested.

#### 12.3. Bioaccumulative potential

The product has not been tested.



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# BCF

| CAS No    | Chemical name  | BCF | Species         | Source              |
|-----------|----------------|-----|-----------------|---------------------|
| 7761-88-8 | silver nitrate | 70  | Cyprinus carpio | Water, Air and Soil |

## 12.4. Mobility in soil

The product has not been tested.

#### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

## 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### 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**

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 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.

Dispose of waste according to "Kreislaufwirtschafts- und Abfallgesetz (KrW-/AbfG)".

# **SECTION 14: Transport information**

#### Land transport (ADR/RID)

| 14.1. UN number or ID number:     | UN 1760                                   |
|-----------------------------------|---|
| 14.2. UN proper shipping name:    | CORROSIVE LIQUID, N.O.S. (silver nitrate) |
| 14.3. Transport hazard class(es): | 8   |
| 14.4. Packing group:              | 111                                       |
| Hazard label:                     | 8   |
| Classification code:              | C9  |
| Special Provisions:               | 274                                       |
| Limited quantity:                 | 5 L                                       |
| Excepted quantity:                | E1  |
| Transport category:               | 3   |
| Hazard No:                        | 80  |
| Tunnel restriction code:          | E   |
| Inland waterways transport (ADN)  |   |
| 14.1. UN number or ID number:     | UN 1760                                   |
| 14.2. UN proper shipping name:    | CORROSIVE LIQUID, N.O.S. (silver nitrate) |
| 14.3. Transport hazard class(es): | 8   |
| 14.4. Packing group:              | III                                       |
| Hazard label:                     | 8   |
| Classification code:              | C9  |
| Special Provisions:               | 274                                       |
| Limited quantity:                 | 5 L                                       |
|                                   |   |



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| Excepted quantity:  | E1  |               |
| Marine transport (IMDG)                                     |   |               |
| 14.1. UN number or ID number:                               | UN 1760   |               |
| 14.2. UN proper shipping name:                              | CORROSIVE LIQUID, N.O.S. (silver nitrate)   |               |
| 14.3. Transport hazard class(es):                           | 8   |               |
| 14.4. Packing group:  | III   |               |
| Hazard label:   | 8   |               |
| Special Provisions:   | 223, 274  |               |
| Limited quantity:   | 5 L   |               |
| Excepted quantity:  | E1  |               |
| EmS:  | F-A, S-B  |               |
| Air transport (ICAO-TI/IATA-DGR)                            |   |               |
| 14.1. UN number or ID number:                               | UN 1760   |               |
| 14.2. UN proper shipping name:                              | CORROSIVE LIQUID, N.O.S. (silver nitrate)   |               |
| 14.3. Transport hazard class(es):                           | 8   |               |
| 14.4. Packing group:  |   |               |
| Hazard label:   | 8   |               |
| Special Provisions:   | A3 A803   |               |
| Limited quantity Passenger:                                 | 1 L   |               |
| Passenger LQ:   | Y841  |               |
| Excepted quantity:  | E1  |               |
| IATA-packing instructions - Passenger:                      | 852   |               |
| IATA-max. quantity - Passenger:                             | 5 L   |               |
| IATA-packing instructions - Cargo:                          | 856   |               |
| IATA-max. quantity - Cargo:                                 | 60 L  |               |
| 14.5. Environmental hazards                                 |   |               |
| ENVIRONMENTALLY HAZARDOUS:                                  | Yes   |               |
| Danger releasing substance:                                 | silver nitrate  |               |
| 14.6. Special precautions for user                          |   |               |
| Warning: strongly corrosive.                                |   |               |
| 14.7. Maritime transport in bulk according to               | IMO instruments   |               |
| not applicable  |   |               |
| SECTION 15: Regulatory information                          |   |               |
| 15.1. Safety health and environmental result                | ations/legislation specific for the substance or mixture  |               |
|   | מנוסווסוופקוסומנוסוו ספכוווכ וסו נווב סמטסנמווכב טו וווגנעוב  |               |
| EU regulatory information                                   |   |               |
| Restrictions on use (REACH, annex XVII):                    |   |               |
| Entry 3, Entry 75   |   |               |
| Information according to Directive 2012/18/EU (SEVESO III): | E1 Hazardous to the Aquatic Environment   |               |
| National regulatory information                             |   |               |
| Employment restrictions:                                    | Observe restrictions to employment for juveniles according to the 'juver work protection guideline' (94/33/EC). | nile          |
| 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): 1,2,3,4,5,6,7,8,9,10,11,12,13,15.



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# Abbreviations and acronyms

Ox. Sol: Oxidising solid Met. Corr: Substance or mixture corrosive to metals Skin Corr: Skin corrosion Skin Irrit: Skin irritation Eye Dam: Eye damage Eye Irrit: Eye irritation 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% Relevant H and EUH statements (number and full text) May intensify fire; oxidiser. H272

| H290 | May be corrosive to metals.                           |
|------|---|
| H314 | Causes severe skin burns and eye damage.              |
| H315 | Causes skin irritation.                               |
| H318 | Causes serious eye damage.                            |
| H319 | Causes serious eye irritation.                        |
| H400 | Very toxic to aquatic life.                           |
| H410 | Very toxic 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 data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)