

**Barium chloride.2aq a.r.**

Revision: 03.11.2025

Product code: AC14.00888

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

Barium chloride.2aq a.r.

CAS No: 10326-27-9  
Index No: 056-002-00-8  
EC No: 233-788-1

**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  
+44 20 3807 3798 (CHEMTREC)

**1.4. Emergency telephone number:**

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**Further Information**

A registration number is not available for this substance as the substance or its use are exempted from registration according to Article 2 REACH Regulation (EC) No 1907/2006, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

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

Acute Tox. 3; H301

Acute Tox. 4; H332

Eye Irrit. 2; H319

Full text of hazard statements: see SECTION 16.

**2.2. Label elements****Regulation (EC) No 1272/2008****Signal word:** Danger**Pictograms:****Hazard statements**

H301

Toxic if swallowed.

H319

Causes serious eye irritation.

H332

Harmful if inhaled.

**Precautionary statements**

P280

Wear protective gloves/protective clothing and eye protection/face protection.

P301+P310

IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313

If eye irritation persists: Get medical advice/attention.

P501

Dispose of contents/container to an appropriate recycling or disposal facility.

**2.3. Other hazards**

No data available

**SECTION 3: Composition/information on ingredients****3.1. Substances**Sum formula:  $\text{BaCl}_2 \cdot 2 \text{H}_2\text{O}$ 

Molecular weight: 244,28 g/mol

**Relevant ingredients**

| CAS No     | Chemical name                                            |              |                       | Quantity |
|------------|----------------------------------------------------------|--------------|-----------------------|----------|
|            | EC No                                                    | Index No     | REACH No              |          |
|            | Classification (Regulation (EC) No 1272/2008)            |              |                       |          |
| 10326-27-9 | Barium chloride dihydrate                                |              |                       | 100 %    |
|            | 233-788-1                                                | 056-002-00-7 | 01-2119502547-42-XXXX |          |
|            | Acute Tox. 3, Acute Tox. 4, Eye Irrit. 2; H301 H332 H319 |              |                       |          |

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

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**Specific Conc. Limits, M-factors and ATE**

| CAS No     | EC No     | Chemical name                                                                                            | Quantity |
|------------|-----------|----------------------------------------------------------------------------------------------------------|----------|
|            |           | Specific Conc. Limits, M-factors and ATE                                                                 |          |
| 10326-27-9 | 233-788-1 | Barium chloride dihydrate                                                                                | 100 %    |
|            |           | inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); oral: LD50 = 619 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.

**After contact with eyes**

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

In case of eye irritation consult an ophthalmologist.

**After ingestion**

Never give anything by mouth to an unconscious person or a person with cramps.

Rinse mouth immediately and drink plenty of water.

Call a physician immediately.

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

Irritant

Gastrointestinal complaints

Circulatory collapse

Spasms

Cardiac arrhythmias

Respiratory complaints

Dyspnoea

Vomiting

Abdominal pain

Conjunctival oedema (chemosis).

Cough

Dermatitis

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

Give sodium sulfate as laxative (1 tablespoon in 1 glass of water).

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

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

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**Unsuitable extinguishing media**

no restriction

**5.2. Special hazards arising from the substance or mixture**

Non-combustible solids

Hazardous combustion products

In case of fire may be liberated:

Hydrogen chloride (HCl)

**5.3. Advice for firefighters**

Do not inhale explosion and combustion gases.

Avoid contact with skin, eyes and clothes.

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

**Additional information**

Suppress gases/vapours/mists with water spray jet.

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

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

**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**

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**Advice on safe handling**

Read label before use. Handle and open container with care.  
Avoid dust formation. Do not breathe dust.  
When using do not eat, drink, smoke, sniff. Keep container tightly closed.  
Use personal protection equipment. Use extractor hood (laboratory).  
Provide adequate ventilation. 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. Make available sufficient washing facilities  
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**

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.  
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**

Store in a dry place.  
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             |
| 10326-27-9               | Barium chloride dihydrate |                |          |                   |
| Worker DNEL, long-term   |                           | inhalation     | systemic | 8,8 mg/m³         |
| Worker DNEL, long-term   |                           | dermal         | systemic | 43,2 mg/kg bw/day |
| Consumer DNEL, long-term |                           | inhalation     | systemic | 2,6 mg/m³         |
| Consumer DNEL, long-term |                           | dermal         | systemic | 25,9 mg/kg bw/day |
| Consumer DNEL, long-term |                           | oral           | systemic | 3,7 mg/kg bw/day  |

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**PNEC values**

| CAS No                                           | Substance                 |             |
|--------------------------------------------------|---------------------------|-------------|
| Environmental compartment                        |                           | Value       |
| 10326-27-9                                       | Barium chloride dihydrate |             |
| Freshwater                                       |                           | 0,174 mg/l  |
| Freshwater sediment                              |                           | 908 mg/kg   |
| Micro-organisms in sewage treatment plants (STP) |                           | 94,3 mg/l   |
| Soil                                             |                           | 314,9 mg/kg |

**Additional advice on limit values**

based on anhydrous form

**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.

Avoid dust formation. Do not breathe dust.

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

goggles

Wear eye protection/face protection.

**Hand protection**

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

By long-term hand contact

Trade name/designation KCL 741 Dermatril® L

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

Wearing time with permanent contact: > 480 min

By short-term hand contact

Trade name/designation KCL 741 Dermatril® L

Suitable 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](http://www.kcl.de)).

**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**

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

Filtering device with filter or ventilator filtering device of type: P3

The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are

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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:                                           | solid     |                             |
| Colour:                                                   | white     |                             |
| Odour:                                                    | odourless |                             |
| Melting point/freezing point:                             |           | No data available           |
| Boiling point or initial boiling point and boiling range: |           | No data available           |
| 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:                                |           | >100 °C                     |
| pH-Value (at 25 °C):                                      |           | 5,2-8 (50 g/l)              |
| Viscosity / kinematic:                                    |           | No data available           |
| Water solubility:                                         |           | No data available           |
| (at 20 °C)                                                |           |                             |
| Solubility in other solvents                              |           |                             |
| No data available                                         |           |                             |
| Partition coefficient n-octanol/water:                    |           | No data available           |
| Vapour pressure:                                          |           | No data available           |
| Vapour pressure:                                          |           | No data available           |
| Density:                                                  |           | 3,86 g/cm <sup>3</sup>      |
| Bulk density:                                             |           | 1200-1400 kg/m <sup>3</sup> |
| Relative vapour density:                                  |           | No data available           |

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

|                           |                   |
|---------------------------|-------------------|
| Explosive properties      |                   |
| No data available         |                   |
| 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 |
| 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 |

**Further Information**

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No data available

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

No data available

**10.2. Chemical stability**

No data available

**10.3. Possibility of hazardous reactions**

Keep away from: Furan-2-percarboxylic acid (Danger of explosion)

Violent reaction with:

Oxidising agent, strong

Reducing agent, strong

Acids

**10.4. Conditions to avoid**

Humidity

Heat

**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****Toxicokinetics, metabolism and distribution**

No data available

**Acute toxicity**

Toxic if swallowed.

Harmful if inhaled.

| CAS No     | Chemical name             |                |         |                     |                    |
|------------|---------------------------|----------------|---------|---------------------|--------------------|
|            | Exposure route            | Dose           | Species | Source              | Method             |
| 10326-27-9 | Barium chloride dihydrate |                |         |                     |                    |
|            | oral                      | LD50 619 mg/kg | Rat     | Study report (1983) | OECD Guideline 401 |
|            | inhalation vapour         | ATE 11 mg/l    |         |                     |                    |
|            | inhalation dust/mist      | ATE 1,5 mg/l   |         |                     |                    |

**Irritation and corrosivity**

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

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

**Sensitising effects**

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

**Carcinogenic/mutagenic/toxic effects for reproduction**

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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.

**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

Gastrointestinal complaints

Circulatory collapse

Spasms

Cardiac arrhythmias

Respiratory complaints

Dyspnoea

Vomiting

Abdominal pain

Conjunctival oedema (chemosis).

Cough

Dermatitis

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

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

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| CAS No     | Chemical name             |                      |           |                                                     |                     |                                           |
|------------|---------------------------|----------------------|-----------|-----------------------------------------------------|---------------------|-------------------------------------------|
|            | Aquatic toxicity          | Dose                 | [h]   [d] | Species                                             | Source              | Method                                    |
| 10326-27-9 | Barium chloride dihydrate |                      |           |                                                     |                     |                                           |
|            | Acute fish toxicity       | LC50 > 3,5 mg/l      | 96 h      | Danio rerio                                         | Study report (2010) | OECD Guideline 203                        |
|            | Acute algae toxicity      | ErC50 > 1,15 mg/l    | 72 h      | Pseudokirchneriella subcapitata                     | Study report (2010) | OECD Guideline 201                        |
|            | Acute crustacea toxicity  | EC50 14,5 mg/l       | 48 h      | Daphnia magna                                       | Publication (1972)  | Not a guideline study but meets generally |
|            | Fish toxicity             | NOEC >= 100 mg/l     | 33 d      | Danio rerio                                         | Study report (2014) | OECD Guideline 210                        |
|            | Crustacea toxicity        | NOEC 10 mg/l         | 7 d       | other aquatic arthropod: Cancer anthonyi            | Publication (1988)  |                                           |
|            | Acute bacteria toxicity   | EC50 > 1000 mg/l ( ) | 3 h       | activated sludge of a predominantly domestic sewage | Study report (2010) | OECD Guideline 209                        |

**12.2. Persistence and degradability**

No data available

**12.3. Bioaccumulative potential**

No data available

**BCF**

| CAS No     | Chemical name             | BCF  | Species             | Source               |
|------------|---------------------------|------|---------------------|----------------------|
| 10326-27-9 | Barium chloride dihydrate | 68,4 | Lepomis macrochirus | Arch.Environ.Contam. |

**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**

No data available

**Further information**

Do not allow to enter into surface water or drains.

Discharge into the environment must be avoided.

**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 allow to enter into surface water or drains.

**Contaminated packaging**

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

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

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## SECTION 14: Transport information

## Land transport (ADR/RID)

|                                          |                                                     |
|------------------------------------------|-----------------------------------------------------|
| <b>14.1. UN number or ID number:</b>     | UN 1564                                             |
| <b>14.2. UN proper shipping name:</b>    | BARIUM COMPOUND, N.O.S. (Barium chloride dihydrate) |
| <b>14.3. Transport hazard class(es):</b> | 6.1                                                 |
| <b>14.4. Packing group:</b>              | III                                                 |
| Hazard label:                            | 6.1                                                 |
| Classification code:                     | T5                                                  |
| Special Provisions:                      | 177 274 513 587                                     |
| Limited quantity:                        | 5 kg                                                |
| Excepted quantity:                       | E1                                                  |
| Transport category:                      | 2                                                   |
| Hazard No:                               | 60                                                  |
| Tunnel restriction code:                 | E                                                   |

## Inland waterways transport (ADN)

|                                          |                                                     |
|------------------------------------------|-----------------------------------------------------|
| <b>14.1. UN number or ID number:</b>     | UN 1564                                             |
| <b>14.2. UN proper shipping name:</b>    | BARIUM COMPOUND, N.O.S. (Barium chloride dihydrate) |
| <b>14.3. Transport hazard class(es):</b> | 6.1                                                 |
| <b>14.4. Packing group:</b>              | III                                                 |
| Hazard label:                            | 6.1                                                 |
| Classification code:                     | T5                                                  |
| Special Provisions:                      | 177 274 513 587 802                                 |
| Limited quantity:                        | 5 kg                                                |
| Excepted quantity:                       | E1                                                  |

## Marine transport (IMDG)

|                                          |                                                     |
|------------------------------------------|-----------------------------------------------------|
| <b>14.1. UN number or ID number:</b>     | UN 1564                                             |
| <b>14.2. UN proper shipping name:</b>    | BARIUM COMPOUND, N.O.S. (Barium chloride dihydrate) |
| <b>14.3. Transport hazard class(es):</b> | 6.1                                                 |
| <b>14.4. Packing group:</b>              | III                                                 |
| Hazard label:                            | 6.1                                                 |
| Marine pollutant:                        | •                                                   |
| Special Provisions:                      | 177, 223, 274                                       |
| Limited quantity:                        | 5 kg                                                |
| Excepted quantity:                       | E1                                                  |
| EmS:                                     | F-A, S-A                                            |

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

|                                          |                                                     |
|------------------------------------------|-----------------------------------------------------|
| <b>14.1. UN number or ID number:</b>     | UN 1564                                             |
| <b>14.2. UN proper shipping name:</b>    | BARIUM COMPOUND, N.O.S. (Barium chloride dihydrate) |
| <b>14.3. Transport hazard class(es):</b> | 6.1                                                 |
| <b>14.4. Packing group:</b>              | III                                                 |
| Hazard label:                            | 6.1                                                 |
| Special Provisions:                      | A3 A82                                              |
| Limited quantity Passenger:              | 10 kg                                               |
| Passenger LQ:                            | Y645                                                |
| Excepted quantity:                       | E1                                                  |
| IATA-packing instructions - Passenger:   | 670                                                 |
| IATA-max. quantity - Passenger:          | 100 kg                                              |
| IATA-packing instructions - Cargo:       | 677                                                 |
| IATA-max. quantity - Cargo:              | 200 kg                                              |

**14.5. Environmental hazards**

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ENVIRONMENTALLY HAZARDOUS: No

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

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).

Water hazard class (D): 1 - slightly hazardous to water

**SECTION 16: Other information****Changes**

This data sheet contains changes from the previous version in section(s): 1.

**Abbreviations and acronyms**

Acute Tox. 3: Acute toxicity, hazard category 3

Acute Tox. 4: Acute toxicity, hazard category 4

Eye Irrit. 2: Eye irritation, hazard category 2

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

H301 Toxic if swallowed.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

**Further Information**

Provide appropriate information, instructions and training to users

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.