

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Buffer solution pH 10NH<sub>4</sub>Cl/NH<sub>3</sub>**

Revision: 12.11.2024

Product code: AC15.01320

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**Buffer solution pH 10NH<sub>4</sub>Cl/NH<sub>3</sub>

UFI: A339-H1HV-200E-HXTA

**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: P-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 GmbH  
Street: Stempelstraße 6  
Place: D-47167 Duisburg  
Telephone: 0203/5194-0  
E-mail: info@analytichem.de  
Contact person: SDS service department  
E-mail: SDS@analytichem.com  
Internet: www.analytichem.de  
Responsible Department: AnalytiChem:  
EU-Belgium: AnalytiChem Belgium, Industriezone "De Arend" 2, 8210 Zedelgem, Belgium, +32 50 28 83 20  
EU-Germany: AnalytiChem Germany, Stempelstrasse 6, 47167 Duisburg, Germany, +49 203 51 94 – 200  
EU-Netherlands: AnalytiChem Netherlands, Communicatieweg 7, 3641 SG Mijdrecht, The Netherlands, +31 297 286848  
UK: AnalytiChem UK, Unit 7 Launton Business Center, Murdock Road, Bicester, OX26 4XB, England, +44 1869 355 500  
USA: AnalytiChem USA, 227 China Road, Winslow, Maine, 04901, United States, +1 800-244-8378  
Canada: AnalytiChem Canada, 21800 Clark Graham Avenue, Baie d'Urfe, H9X 4B6, Canada, +1 514-457-0701  
Australia: ORE Research & Exploration Pty Ltd, 37A Hosie Street, Bayswater North, 3153, Australia, +61 3 9729 0333  
+353 1 901 4670 (CHEMTREC)

Telefax: 0203/5194-290

**1.4. Emergency telephone number:**

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## 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

Full text of hazard statements: see SECTION 16.

## 2.2. Label elements

## Regulation (EC) No 1272/2008

Signal word: Warning

Pictograms:



## Hazard statements

H315

Causes skin irritation.

H319

Causes serious eye irritation.

## Precautionary statements

P280

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

P302+P352

IF ON SKIN: Wash with plenty of water.

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.

## 2.3. Other hazards

No data available

## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## Chemical characterization

Mixtures in aqueous solution

## Relevant ingredients

| CAS No    | Chemical name   |              |                  | Quantity  |
|-----------|---|--------------|------------------|-----------|
|           | EC No   | Index No     | REACH No         |           |
|           | Classification (Regulation (EC) No 1272/2008)                     |              |                  |           |
| 1336-21-6 | Ammonia   |              |                  | 1 - < 5 % |
|           | 215-647-6   | 007-001-01-2 | 01-2119488876-14 |           |
|           | Skin Corr. 1B, Aquatic Acute 1, Aquatic Chronic 2; H314 H400 H411 |              |                  |           |

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  |           |
| 1336-21-6 | 215-647-6 | Ammonia   | 1 - < 5 % |
|           |           | inhalation: LC50 = 4230 mg/l (vapours); oral: LD50 = 350 mg/kg STOT SE 3; H335: >= 5 - 100<br>Aquatic Acute 1; H400: M=10 |           |

## 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.

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

Protect uninjured eye.

## After ingestion

Rinse mouth immediately and drink plenty of water.

Do NOT induce vomiting.

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

Cough

Dyspnoea

Risk of serious damage to eyes.

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

No data available

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

## 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

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In case of fire may be liberated:

Nitrogen oxides (NO<sub>x</sub>)

Hydrogen chloride (HCl)

**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.

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.

Handle and open container with care.

When using do not eat, drink, smoke, sniff.

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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**

Keep container tightly closed.

**Hints on joint storage**

TRGS 510

**Further information on storage conditions**

Keep away from heat.  
Protect from sunlight.

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

Laboratory chemicals

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Occupational exposure limits**

| CAS No    | Substance          | ppm | mg/m <sup>3</sup> | fib/cm <sup>3</sup> | Category      | Origin |
|-----------|--------------------|-----|-------------------|---------------------|---------------|--------|
| 7664-41-7 | Ammonia, anhydrous | 20  | 14                |                     | TWA (8 h)     |        |
|           |                    | 50  | 36                |                     | STEL (15 min) |        |

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## DNEL/DMEL values

| CAS No                   | Substance |                |          |                        |
|--------------------------|-----------|----------------|----------|------------------------|
| DNEL type                |           | Exposure route | Effect   | Value                  |
| 1336-21-6                | Ammonia   |                |          |                        |
| Worker DNEL, long-term   |           | inhalation     | systemic | 47,6 mg/m <sup>3</sup> |
| Worker DNEL, acute       |           | inhalation     | systemic | 47,6 mg/m <sup>3</sup> |
| Worker DNEL, long-term   |           | inhalation     | local    | 14 mg/m <sup>3</sup>   |
| Worker DNEL, acute       |           | inhalation     | local    | 36 mg/m <sup>3</sup>   |
| Worker DNEL, long-term   |           | dermal         | systemic | 6,8 mg/kg bw/day       |
| Worker DNEL, acute       |           | dermal         | systemic | 6,8 mg/kg bw/day       |
| Consumer DNEL, long-term |           | inhalation     | systemic | 23,8 mg/m <sup>3</sup> |
| Consumer DNEL, acute     |           | inhalation     | systemic | 23,8 mg/m <sup>3</sup> |
| Consumer DNEL, long-term |           | inhalation     | local    | 2,8 mg/m <sup>3</sup>  |
| Consumer DNEL, acute     |           | inhalation     | local    | 7,2 mg/m <sup>3</sup>  |
| Consumer DNEL, long-term |           | dermal         | systemic | 68 mg/kg bw/day        |
| Consumer DNEL, acute     |           | dermal         | systemic | 68 mg/kg bw/day        |
| Consumer DNEL, long-term |           | oral           | systemic | 6,8 mg/kg bw/day       |
| Consumer DNEL, acute     |           | oral           | systemic | 6,8 mg/kg bw/day       |

## PNEC values

| CAS No                             | Substance |            |
|------------------------------------|-----------|------------|
| Environmental compartment          |           | Value      |
| 1336-21-6                          | Ammonia   |            |
| Freshwater                         |           | 0,001 mg/l |
| Freshwater (intermittent releases) |           | 0,007 mg/l |
| Marine water                       |           | 0,001 mg/l |

## 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

Wear eye/face protection.

## Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

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

By long-term hand contact

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Trade name/designation: KCL 741 Dermatril® L  
Recommended material: NBR (Nitrile rubber) 0,11 mm  
Wearing time with permanent contact: > 480 min

By short-term hand contact

Trade name/designation: KCL 741 Dermatril® L  
Recommended material: NBR (Nitrile rubber) 0,11 mm  
Wearing time with occasional contact (splashes): > 480 min

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

Respiratory protection necessary at: aerosol or mist formation

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:                             | 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:                                | No data available   |
| pH-Value (at 20 °C):                                      | 10                  |
| Viscosity / kinematic:                                    | No data available   |
| Water solubility:   | completely miscible |
| Solubility in other solvents                              | No data available   |
| Partition coefficient n-octanol/water:                    | No data available   |
| Vapour pressure:  | No data available   |
| (at 20 °C)  |                     |
| Vapour pressure:  | No data available   |

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|                          |                          |
|--------------------------|--------------------------|
| Density:                 | 0,9935 g/cm <sup>3</sup> |
| Bulk density:            | No data available        |
| 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 |
| 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 |

##### Further Information

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

Acid

#### 10.4. Conditions to avoid

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 as defined in Regulation (EC) No 1272/2008

##### Toxicokinetics, metabolism and distribution

There are no data available on the mixture itself.



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**Acute toxicity**

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

**ATEmix calculated**

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

| CAS No    | Chemical name           |               |         |        |  |
|-----------|-------------------------|---------------|---------|--------|--|
|           | Exposure route          | Dose          | Species | Source | Method                                       |
| 1336-21-6 | Ammonia                 |               |         |        |  |
|           | oral                    | LD50<br>mg/kg | 350     | Rat    | Journal of Industrial Hygiene and Toxicology |
|           | inhalation (1 h) vapour | LC50<br>mg/l  | 4230    | Mouse  | Bull. Environm. Contam. Toxicol, 1982, 2     |

**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.

**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.

**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****Other information**

Irritant

Cough

Dyspnoea

Risk of serious damage to eyes.

**Further information**

Dermatitis

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

**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                                   |
| 1336-21-6 | Ammonia                  |                      |           |                        |   |  |
|           | Acute fish toxicity      | LC50 0,75 - 3,4 mg/l | 96 h      | Pimephales promelas    | Trans Amer Fish Soc; 112 (5). 1983. 705-  | Assessment of acute toxicity in the fath |
|           | Acute crustacea toxicity | EC50 101 mg/l        | 48 h      | Daphnia magna          | Environ. Toxicol. Chem. 5: 443-447 (1986) | other: ASTM E729-80                      |
|           | Fish toxicity            | NOEC 1,2 mg/l        | 61 d      | Oncorhynchus gorbuscha | Fish. Bull. 78(3): 641-648 (1980)         | OECD Guideline 210                       |

**12.2. Persistence and degradability**

There are no data available on the mixture itself.

**12.3. Bioaccumulative potential**

There are no data available on the mixture itself.

**Partition coefficient n-octanol/water**

| CAS No    | Chemical name | Log Pow |
|-----------|---------------|---------|
| 1336-21-6 | Ammonia       | -1,38   |

**12.4. Mobility in soil**

There are no data available on the mixture itself.

**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**

Discharge into the environment must be avoided.

Harmful effect due to pH shift.

Forms corrosive mixtures with water even if diluted.

**Further information**

Do not allow to enter into surface water or drains.

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

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

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

Do not allow to enter into surface water or 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:**

No dangerous good in sense of this transport regulation.

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**14.2. UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**14.3. Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**14.4. Packing group:**

No dangerous good in sense of this transport regulation.

**Inland waterways transport (ADN)****14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

**14.2. UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**14.3. Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**14.4. Packing group:**

No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)****14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

**14.2. UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**14.3. Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**14.4. Packing group:**

No dangerous good in sense of this transport regulation.

**Air transport (ICAO-TI/IATA-DGR)****14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

**14.2. UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**14.3. Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**14.4. Packing group:**

No dangerous good in sense of this transport regulation.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

No dangerous good in sense of this transport regulation.

**14.7. Maritime transport in bulk according to IMO instruments**

No dangerous good in sense of this transport regulation.

**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):

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): 1,2,4,5,7,8,9,11,12,15.

**Abbreviations and acronyms**

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

Skin Irrit. 2: Skin irritation, hazard category 2

Eye Irrit. 2: Eye irritation, hazard category 2

Aquatic Acute 1: Hazardous to the aquatic environment, hazard category: Acute 1

Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard category: Chronic 2

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## Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

|                     |                          |
|---------------------|--------------------------|
| Classification      | Classification procedure |
| Skin Irrit. 2; H315 | Calculation method       |
| Eye Irrit. 2; H319  | Calculation method       |

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

|      |  |
|------|--|
| H314 | Causes severe skin burns and eye damage.         |
| H315 | Causes skin irritation.                          |
| H319 | Causes serious eye irritation.                   |
| H400 | Very toxic to aquatic life.                      |
| H411 | Toxic to aquatic life with long lasting effects. |

## 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.

*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*