

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Lösung Nährstoffe Nr. 4

Revision date: 09.05.2025

Product code: 34432

Page 1 of 11

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

### 1.1. Product identifier

Lösung Nährstoffe Nr. 4

UFI: 95C2-F3KR-D00U-6FXM

### 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

|                         |                                  |                              |
|-------------------------|----------------------------------|------------------------------|
| 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 number:

For Hazardous Materials [or Dangerous Goods] Incidents Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 Outside USA and Canada: +1 703-741-5970 (collect calls accepted)

### 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 Corr. 1B; H314  
Eye Dam. 1; H318  
STOT SE 3; H335  
Aquatic Acute 1; H400  
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

### 2.2. Label elements

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

#### Hazard components for labelling

Ammonia

Signal word: Danger

#### Pictograms:



**Lösung Nährstoffe Nr. 4**

Revision date: 09.05.2025

Product code: 34432

Page 2 of 11

**Hazard statements**

- H314 Causes severe skin burns and eye damage.  
H335 May cause respiratory irritation.  
H410 Very toxic to aquatic life with long lasting effects.

**Precautionary statements**

- P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P280 Wear protective gloves/protective clothing and eye protection/face protection.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor.

**2.3. Other hazards**

No data available

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

**3.2. 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   |              |                  | 15 - < 20 % |
|           | 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.

**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   | 15 - < 20 % |
|           |           | 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 physician immediately.

**After contact with skin**

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

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Lösung Nährstoffe Nr. 4

Revision date: 09.05.2025

Product code: 34432

Page 3 of 11

#### 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.

#### 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

corrosive  
Cough  
Dyspnoea

#### 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

Hazardous combustion products  
In case of fire may be liberated:  
Nitrogen oxides (NO<sub>x</sub>)

#### 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

Do not breathe vapour/aerosol.

##### 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

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Lösung Nährstoffe Nr. 4

Revision date: 09.05.2025

Product code: 34432

Page 4 of 11

#### For containment

- Cover drains.
- Prevent spread over a wide area (e.g. by containment or oil barriers).
- Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).
- Collect in closed and suitable containers for disposal.

#### 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. Use personal protection equipment.
- Provide adequate ventilation. Avoid contact with skin, eyes and clothes.
- Do not breathe vapour/aerosol.

##### 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

- national regulations

##### Further information on storage conditions

- Keep cool. Protect from sunlight.

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

- Laboratory chemicals

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Lösung Nährstoffe Nr. 4

Revision date: 09.05.2025

Product code: 34432

Page 5 of 11

#### 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) |        |

#### DNEL/DMEL values

| CAS No                   | Substance | 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 | 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

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

By long-term hand contact

Recommended glove articles: KCL 741 Dermatril® L

**Lösung Nährstoffe Nr. 4**

Revision date: 09.05.2025

Product code: 34432

Page 6 of 11

Recommended material: NBR (Nitrile rubber) 0,11 mm  
Wearing time with permanent contact: > 480 min

By short-term hand contact  
Recommended glove articles: KCL 741 Dermatril® L  
Recommended material: NBR (Nitrile rubber) 0,11mm  
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.

**Thermal hazards**

No data available

**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:   |                   |                     |
| Odour:  | stinging          |                     |
| 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   |
| Viscosity / kinematic:                                    |                   | No data available   |
| Water solubility:   |                   | completely miscible |
| Solubility in other solvents                              |                   |                     |
| No data available   |                   |                     |
| Dissolution rate:   |                   | No data available   |
| Partition coefficient n-octanol/water:                    |                   | No data available   |
| Dispersion stability:                                     |                   | No data available   |
| Vapour pressure:  |                   | No data available   |
| Vapour pressure:  |                   | No data available   |
| Density:  |                   | No data available   |

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Lösung Nährstoffe Nr. 4

Revision date: 09.05.2025

Product code: 34432

Page 7 of 11

|                           |                   |
|---------------------------|-------------------|
| Relative density:         | No data available |
| Bulk density:             | No data available |
| Relative vapour density:  | No data available |
| Particle characteristics: | No data available |

#### **9.2. Other information**

##### **Information with regard to physical hazard classes**

###### Explosive properties

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

###### 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

##### **Further Information**

No data available

## SECTION 10: Stability and reactivity

### **10.1. Reactivity**

Vapours may form explosive mixtures with air.

### **10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

### **10.3. Possibility of hazardous reactions**

Acid

### **10.4. Conditions to avoid**

Heat

### **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**

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

There are no data available on the mixture itself.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Lösung Nährstoffe Nr. 4

Revision date: 09.05.2025

Product code: 34432

Page 8 of 11

#### 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                                  |
| 1336-21-6 | Ammonia                 |                |         |  |   |
|           | oral                    | LD50 350 mg/kg | Rat     | Journal of Industrial Hygiene and Toxicology | OECD Guideline 401                      |
|           | inhalation (1 h) vapour | LC50 4230 mg/l | Mouse   | Bull. Environm. Contam. Toxicol, 1982, 2     | Assessment of acute inhalation toxicity |

#### Irritation and corrosivity

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

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

#### Sensitising effects

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

#### Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

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

#### STOT-single exposure

May cause respiratory irritation. (Ammonia)

#### 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

There are no data available on the mixture itself.

##### 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.

Harmful to aquatic life with long lasting effects.



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Lösung Nährstoffe Nr. 4

Revision date: 09.05.2025

Product code: 34432

Page 9 of 11

| 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

The methods for determining the biological degradability are not applicable to inorganic substances.

#### 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 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.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

|  |                  |
|--|------------------|
| <b>14.1. UN number or ID number:</b>     | UN 2672          |
| <b>14.2. UN proper shipping name:</b>    | AMMONIA SOLUTION |
| <b>14.3. Transport hazard class(es):</b> | 8                |

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Lösung Nährstoffe Nr. 4

Revision date: 09.05.2025

Product code: 34432

Page 10 of 11

**14.4. Packing group:** III  
Hazard label: 8  
Classification code: C5  
Special Provisions: 543  
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 2672  
**14.2. UN proper shipping name:** Ammonia solution  
**14.3. Transport hazard class(es):** 8  
**14.4. Packing group:** III  
Hazard label: 8  
Classification code: C5  
Special Provisions: 543  
Limited quantity: 5 L  
Excepted quantity: E1

#### Marine transport (IMDG)

**14.1. UN number or ID number:** UN 2672  
**14.2. UN proper shipping name:** AMMONIA SOLUTION  
**14.3. Transport hazard class(es):** 8  
**14.4. Packing group:** III  
Hazard label: 8  
Marine pollutant: P  
Special Provisions: -  
Limited quantity: 5 L  
Excepted quantity: E1  
EmS: F-A, S-B  
Segregation group: 18 - alkalis

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

**14.1. UN number or ID number:** UN 2672  
**14.2. UN proper shipping name:** AMMONIA SOLUTION  
**14.3. Transport hazard class(es):** 8  
**14.4. Packing group:** III  
Hazard label: 8  
Special Provisions: A64 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: Ammonia

### SECTION 15: Regulatory information

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

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Lösung Nährstoffe Nr. 4

Revision date: 09.05.2025

Product code: 34432

Page 11 of 11

#### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3

#### 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):

2 - obviously hazardous to water

### SECTION 16: Other information

#### Changes

This data sheet contains changes from the previous version in section(s): 1,2,3,4,5,6,7,9,10,11,14,15.

#### Abbreviations and acronyms

Skin Corr: Skin corrosion

Eye Dam: Eye damage

STOT SE: Specific target organ toxicity - single exposure

Aquatic Acute: Acute aquatic hazard

Aquatic Chronic: Chronic aquatic hazard

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

| Classification          | Classification procedure |
|-------------------------|--------------------------|
| Skin Corr. 1B; H314     | Calculation method       |
| Eye Dam. 1; H318        | Calculation method       |
| STOT SE 3; H335         | Calculation method       |
| Aquatic Acute 1; H400   | Calculation method       |
| Aquatic Chronic 3; H412 | Calculation method       |

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

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful 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 information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

Provide appropriate information, instructions and training to users

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