

## Hydrogen peroxide solution 5%

Version number: GHS 1.1

Date of compilation: 2024-06-24

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

#### 1.1 Product identifier

Trade name **Hydrogen peroxide solution 5%**  
CAS number 7722-84-1  
Article number A0272325

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

Relevant identified uses General use

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

Chemos GmbH & Co. KG  
Sonnenring 7  
84032 Altdorf  
Germany

Telephone: +49 871-966346-0  
Telefax: +49 871-966346-13  
e-mail: chemos@chemos.de  
Website: <http://www.chemos.de/>

e-mail (competent person) chemos@chemos.de

#### 1.4 Emergency telephone number

Emergency information service +49 89 1 92 40

| Poison centre  |   |                      |                   |         |
|----------------|---|----------------------|-------------------|---------|
| Country        | Name  | Postal code/<br>city | Telephone         | Telefax |
| United Kingdom | National Poison Information Centre<br>Medical Toxicology Unit | SE14 5ER Lon-<br>don | +44 171 635 91 91 |         |

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification acc. to GHS

| Section | Hazard class                      | Category | Hazard class and cat-<br>egory | Hazard state-<br>ment |
|---------|-----------------------------------|----------|--------------------------------|-----------------------|
| 3.3     | serious eye damage/eye irritation | 2        | Eye Irrit. 2                   | H319                  |

For full text of abbreviations: see SECTION 16.

#### 2.2 Label elements

Labelling

- Signal word warning

- Pictograms

GHS07



- Hazard statements

H319 Causes serious eye irritation.

## Hydrogen peroxide solution 5%

Version number: GHS 1.1

Date of compilation: 2024-06-24

### - Precautionary statements

|                |  |
|----------------|--|
| P280           | Wear protective gloves/protective clothing/eye protection/face protection/hearing 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. |
| P337+P313      | If eye irritation persists: Get medical advice/attention.  |

### 2.3 Other hazards

#### Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0,1\%$ .

#### Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not relevant (mixture)

#### Identifiers

|                      |                               |
|----------------------|-------------------------------|
| CAS No               | 7722-84-1                     |
| EC No                | 231-765-0                     |
| Index No<br>(GB CLP) | 008-003-00-9                  |
| Molecular formula    | H <sub>2</sub> O <sub>2</sub> |
| Molar mass           | 34.01 g/mol                   |

### 3.2 Mixtures

#### Description of the mixture

| Name of substance | Identifier  | Wt% | Classification acc. to GHS   | Pictograms  |
|-------------------|---|-----|--|---|
| Water             | CAS No<br>7732-18-5   |     |  |   |
| Hydrogen peroxide | CAS No<br>7722-84-1<br><br>EC No<br>231-765-0<br><br>Index No<br>008-003-00-9 |     | Ox. Liq. 1 / H271<br>Acute Tox. 4 / H302<br>Acute Tox. 4 / H332<br>Skin Corr. 1A / H314<br>Eye Dam. 1 / H318<br>STOT SE 3 / H335<br>Aquatic Chronic 3 / H412 |  |

| Name of substance | Specific Conc. Limits   | M-Factors | ATE                     | Exposure route             |
|-------------------|---|-----------|-------------------------|----------------------------|
| Hydrogen peroxide | Ox. Liq. 1; H271: C $\geq 70\%$<br>Ox. Liq. 2; H272: $50\% \leq C < 70\%$<br>Skin Corr. 1A; H314: C $\geq 70\%$<br>Skin Corr. 1B; H314: $50\% \leq C < 70\%$<br>Skin Irrit. 2; H315: $35\% \leq C < 50\%$<br>Eye Dam. 1; H318: C $\geq 8\%$<br>Eye Irrit. 2; H319: $5\% \leq C < 8\%$<br>STOT SE 3; H335: C $\geq 35\%$ | -         | 1,026 mg/kg<br>11 mg/4h | oral<br>inhalation: vapour |

### Remarks

For full text of abbreviations: see SECTION 16

## Hydrogen peroxide solution 5%

Version number: GHS 1.1

Date of compilation: 2024-06-24

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

##### Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

##### Following skin contact

Wash with plenty of soap and water.

##### Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

##### Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

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

Symptoms and effects are not known to date.

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

none

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Water spray, Alcohol resistant foam, BC-powder, Carbon dioxide (CO<sub>2</sub>)

##### Unsuitable extinguishing media

Water jet

#### 5.2 Special hazards arising from the substance or mixture

#### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

##### For non-emergency personnel

Remove persons to safety.

##### For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

#### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

#### 6.3 Methods and material for containment and cleaning up

**Hydrogen peroxide solution 5%**

Version number: GHS 1.1

Date of compilation: 2024-06-24

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

**6.4 Reference to other sections**

Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

**7.2 Conditions for safe storage, including any incompatibilities**

Control of effects

Protect against external exposure, such as

frost

- Specific designs for storage rooms or vessels

Do not keep the container sealed.

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to ADR) may be used.

**7.3 Specific end use(s)**

See section 16 for a general overview.

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

**8.1 Control parameters**

| Occupational exposure limit values (Workplace Exposure Limits) |                   |           |            |           |             |            |              |                 |                   |          |           |
|--|-------------------|-----------|------------|-----------|-------------|------------|--------------|-----------------|-------------------|----------|-----------|
| Country  | Name of agent     | CAS No    | Identifier | TWA [ppm] | TWA [mg/m³] | STEL [ppm] | STEL [mg/m³] | Ceiling-C [ppm] | Ceiling-C [mg/m³] | Notation | Source    |
| GB   | hydrogen peroxide | 7722-84-1 | WEL        | 1         | 1.4         | 2          | 2.8          |                 |                   |          | EH40/2005 |

Notation

Ceiling-C  
STEL

ceiling value is a limit value above which exposure should not occur  
short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

## Hydrogen peroxide solution 5%

Version number: GHS 1.1

Date of compilation: 2024-06-24

Notation

TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours  
time-weighted average (unless otherwise specified)

| Relevant DNELs of components |           |          |                       |                                    |                   |                         |
|------------------------------|-----------|----------|-----------------------|------------------------------------|-------------------|-------------------------|
| Name of substance            | CAS No    | Endpoint | Threshold level       | Protection goal, route of exposure | Used in           | Exposure time           |
| Hydrogen peroxide            | 7722-84-1 | DNEL     | 1.4 mg/m <sup>3</sup> | human, inhalatory                  | worker (industry) | chronic - local effects |
| Hydrogen peroxide            | 7722-84-1 | DNEL     | 3 mg/m <sup>3</sup>   | human, inhalatory                  | worker (industry) | acute - local effects   |

| Relevant PNECs of components |           |          |                 |                       |                              |                              |
|------------------------------|-----------|----------|-----------------|-----------------------|------------------------------|------------------------------|
| Name of substance            | CAS No    | Endpoint | Threshold level | Organism              | Environmental compartment    | Exposure time                |
| Hydrogen peroxide            | 7722-84-1 | PNEC     | 0.013 mg/l      | aquatic organisms     | freshwater                   | short-term (single instance) |
| Hydrogen peroxide            | 7722-84-1 | PNEC     | 0.013 mg/l      | aquatic organisms     | marine water                 | short-term (single instance) |
| Hydrogen peroxide            | 7722-84-1 | PNEC     | 4.66 mg/l       | aquatic organisms     | sewage treatment plant (STP) | short-term (single instance) |
| Hydrogen peroxide            | 7722-84-1 | PNEC     | 0.047 mg/kg     | aquatic organisms     | freshwater sediment          | short-term (single instance) |
| Hydrogen peroxide            | 7722-84-1 | PNEC     | 0.047 mg/kg     | aquatic organisms     | marine sediment              | short-term (single instance) |
| Hydrogen peroxide            | 7722-84-1 | PNEC     | 0.002 mg/kg     | terrestrial organisms | soil                         | short-term (single instance) |

### 8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. 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.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## Hydrogen peroxide solution 5%

Version number: GHS 1.1

Date of compilation: 2024-06-24

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

|  |                      |
|--|----------------------|
| Physical state   | liquid               |
| Colour   | colourless           |
| Odour  | characteristic       |
| Melting point/freezing point                             | 0 °C                 |
| Boiling point or initial boiling point and boiling range | 100 °C at 1,013 mbar |
| Flammability   | non-combustible      |
| Lower and upper explosion limit                          | not determined       |
| Flash point  | not determined       |
| Auto-ignition temperature                                | not determined       |
| Decomposition temperature                                | not relevant         |
| pH (value)   | not determined       |
| Kinematic viscosity                                      | not determined       |

#### Solubility(ies)

|                  |                            |
|------------------|----------------------------|
| Water solubility | miscible in any proportion |
|------------------|----------------------------|

#### Partition coefficient

|   |                          |
|---|--------------------------|
| Partition coefficient n-octanol/water (log value) | not relevant (inorganic) |
|---|--------------------------|

|                 |                 |
|-----------------|-----------------|
| Vapour pressure | 23 hPa at 20 °C |
|-----------------|-----------------|

#### Density and/or relative density

|                         |   |
|-------------------------|---|
| Density                 | 1.01 g/cm <sup>3</sup> at 20 °C               |
| Relative vapour density | information on this property is not available |

|                          |                       |
|--------------------------|-----------------------|
| Particle characteristics | not relevant (liquid) |
|--------------------------|-----------------------|

#### 9.2 Other information

|  |  |
|--|--|
| Information with regard to physical hazard classes | hazard classes acc. to GHS (physical hazards):<br>not relevant |
|--|--|

## Hydrogen peroxide solution 5%

Version number: GHS 1.1

Date of compilation: 2024-06-24

### Other safety characteristics

|                |                                 |
|----------------|---------------------------------|
| Miscibility    | Completely miscible with water. |
| Liquid content | 100 %                           |
| Solid content  | 0 %                             |

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

### 10.2 Chemical stability

See below "Conditions to avoid".

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

### 10.5 Incompatible materials

There is no additional information.

### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Test data are not available for the complete mixture.

#### Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### Classification acc. to GHS

##### Acute toxicity

Shall not be classified as acutely toxic.

| Acute toxicity estimate (ATE) of components |           |                    |             |
|---|-----------|--------------------|-------------|
| Name of substance                           | CAS No    | Exposure route     | ATE         |
| Hydrogen peroxide                           | 7722-84-1 | oral               | 1,026 mg/kg |
| Hydrogen peroxide                           | 7722-84-1 | inhalation: vapour | 11 mg/l/4h  |

##### Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

##### Serious eye damage/eye irritation

Causes serious eye irritation.

##### Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

## Hydrogen peroxide solution 5%

Version number: GHS 1.1

Date of compilation: 2024-06-24

### Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

### Carcinogenicity

Shall not be classified as carcinogenic.

### Reproductive toxicity

Shall not be classified as a reproductive toxicant.

### Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

### Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

### Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

## 11.2 Information on other hazards

There is no additional information.

## SECTION 12: Ecological information

### 12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

### 12.2 Persistence and degradability

Data are not available.

### 12.3 Bioaccumulative potential

Data are not available.

### 12.4 Mobility in soil

Data are not available.

### 12.5 Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0,1\%$ .

### 12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .

### 12.7 Other adverse effects

Data are not available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Waste treatment-relevant information

Recycling/reclamation of other inorganic materials.

#### Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

#### Waste treatment of containers/packagings

It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

**Hydrogen peroxide solution 5%**

Version number: GHS 1.1

Date of compilation: 2024-06-24

**Remarks**

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

**SECTION 14: Transport information**

- 14.1 UN number or ID number** not assigned
- 14.2 UN proper shipping name** not assigned
- 14.3 Transport hazard class(es)** none
- 14.4 Packing group** not assigned
- 14.5 Environmental hazards** non-environmentally hazardous acc. to the dangerous goods regulations
- 14.6 Special precautions for user**  
Provisions for dangerous goods (ADR) should be complied within the premises.
- 14.7 Maritime transport in bulk according to IMO instruments**  
The cargo is not intended to be carried in bulk.

**Information for each of the UN Model Regulations**

**Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) - Additional information**

not assigned

**International Maritime Dangerous Goods Code (IMDG) - Additional information**

not assigned

**International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information**

not assigned

**SECTION 15: Regulatory information**

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

**Relevant provisions of the European Union (EU)**

**Deco-Paint Directive**

|             |     |
|-------------|-----|
| VOC content | 0 % |
|-------------|-----|

**Industrial Emissions Directive (IED)**

|             |     |
|-------------|-----|
| VOC content | 0 % |
|-------------|-----|

**National regulations (GB)**

**Restrictions according to GB REACH, Annex 17**

none of the ingredients are listed

| Dangerous substances with restrictions (GB REACH, Annex 17) |  |        |    |
|---|--|--------|----|
| Name of substance   | Name acc. to inventory   | CAS No | No |
| hydrogen peroxide solution 5%                               | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC |        | 3  |

## Hydrogen peroxide solution 5%

Version number: GHS 1.1

Date of compilation: 2024-06-24

### National inventories

| Country | Inventory  | Status                              |
|---------|------------|-------------------------------------|
| AU      | AIIC       | all ingredients are listed          |
| CA      | DSL        | all ingredients are listed          |
| CN      | IECSC      | all ingredients are listed          |
| EU      | ECSI       | all ingredients are listed          |
| EU      | REACH Reg. | all ingredients are listed          |
| JP      | CSCL-ENCS  | all ingredients are listed          |
| KR      | KECI       | all ingredients are listed          |
| MX      | INSQ       | all ingredients are listed          |
| NZ      | NZIoC      | all ingredients are listed          |
| PH      | PICCS      | all ingredients are listed          |
| TR      | CICR       | not all ingredients are listed      |
| TW      | TCSI       | all ingredients are listed          |
| US      | TSCA       | all ingredients are listed (ACTIVE) |

#### Legend

|            |   |
|------------|---|
| AIIC       | Australian Inventory of Industrial Chemicals                            |
| CICR       | Chemical Inventory and Control Regulation                               |
| CSCL-ENCS  | List of Existing and New Chemical Substances (CSCL-ENCS)                |
| DSL        | Domestic Substances List (DSL)  |
| ECSI       | EC Substance Inventory (EINECS, ELINCS, NLP)                            |
| IECSC      | Inventory of Existing Chemical Substances Produced or Imported in China |
| INSQ       | National Inventory of Chemical Substances                               |
| KECI       | Korea Existing Chemicals Inventory                                      |
| NZIoC      | New Zealand Inventory of Chemicals                                      |
| PICCS      | Philippine Inventory of Chemicals and Chemical Substances (PICCS)       |
| REACH Reg. | REACH registered substances   |
| TCSI       | Taiwan Chemical Substance Inventory                                     |
| TSCA       | Toxic Substance Control Act   |

### 15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

### Abbreviations and acronyms

| Abbr.           | Descriptions of used abbreviations  |
|-----------------|---|
| Acute Tox.      | Acute toxicity  |
| ADR             | Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road) |
| Aquatic Chronic | Hazardous to the aquatic environment - chronic hazard   |
| ATE             | Acute Toxicity Estimate   |
| CAS             | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)  |
| Ceiling-C       | Ceiling value   |
| DGR             | Dangerous Goods Regulations (see IATA/DGR)  |
| DNEL            | Derived No-Effect Level   |

## Hydrogen peroxide solution 5%

Version number: GHS 1.1

Date of compilation: 2024-06-24

| Abbr.       | Descriptions of used abbreviations  |
|-------------|---|
| EC No       | The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)     |
| ED          | Endocrine disruptor   |
| EH40/2005   | EH40/2005 Workplace exposure limits ( <a href="http://www.nationalarchives.gov.uk/doc/open-government-licence/">http://www.nationalarchives.gov.uk/doc/open-government-licence/</a> ) |
| EINECS      | European Inventory of Existing Commercial Chemical Substances   |
| ELINCS      | European List of Notified Chemical Substances   |
| Eye Dam.    | Seriously damaging to the eye   |
| Eye Irrit.  | Irritant to the eye   |
| GB CLP      | The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/720 (as amended)                            |
| GB REACH    | The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/758 (as amended)  |
| GHS         | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations   |
| IATA        | International Air Transport Association   |
| IATA/DGR    | Dangerous Goods Regulations (DGR) for the air transport (IATA)  |
| ICAO        | International Civil Aviation Organization   |
| IMDG        | International Maritime Dangerous Goods Code   |
| index No    | The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008  |
| NLP         | No-Longer Polymer   |
| Ox. Liq.    | Oxidising liquid  |
| PBT         | Persistent, Bioaccumulative and Toxic   |
| PNEC        | Predicted No-Effect Concentration   |
| ppm         | Parts per million   |
| REACH       | Registration, Evaluation, Authorisation and Restriction of Chemicals  |
| RID         | Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)               |
| Skin Corr.  | Corrosive to skin   |
| Skin Irrit. | Irritant to skin  |
| STEL        | Short-term exposure limit   |
| STOT SE     | Specific target organ toxicity - single exposure  |
| TWA         | Time-weighted average   |
| VOC         | Volatile Organic Compounds  |
| vPvB        | Very Persistent and very Bioaccumulative  |
| WEL         | Workplace exposure limit  |

## Hydrogen peroxide solution 5%

Version number: GHS 1.1

Date of compilation: 2024-06-24

### Key literature references and sources for data

Agreement concerning the International Carriage of Dangerous Goods by Road (ADR). Regulations concerning the International Carriage of Dangerous Goods by Rail (RID). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### List of relevant phrases (code and full text as stated in section 2 and 3)

| Code | Text   |
|------|--|
| H271 | May cause fire or explosion; strong oxidiser.      |
| H302 | Harmful if swallowed.                              |
| H314 | Causes severe skin burns and eye damage.           |
| H318 | Causes serious eye damage.                         |
| H319 | Causes serious eye irritation.                     |
| H332 | Harmful if inhaled.                                |
| H335 | May cause respiratory irritation.                  |
| H412 | Harmful to aquatic life with long lasting effects. |

### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.