

**Hydrogen peroxide 30 weight % solution a**

Revision: 05.11.2025

Product code: AC12.00425

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

Hydrogen peroxide 30 weight % solution a

UFI: 6N73-C0Q9-A001-37FT

**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:****Further Information**

inapplicable, this product is a mixture REACH registration number see section 3

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

Ox. Liq. 3; H272  
Acute Tox. 4; H332  
Acute Tox. 4; H302  
Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

**2.2. Label elements****Regulation (EC) No 1272/2008****Hazard components for labelling**

hydrogen peroxide solution 30 %

**Signal word:** Danger**Pictograms:****Hazard statements**

H272 May intensify fire; oxidiser.  
H302+H332 Harmful if swallowed or if inhaled.  
H318 Causes serious eye damage.

**Precautionary statements**

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P313 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)                              |              |                  |             |
| 7722-84-1 | hydrogen peroxide solution ... %                                           |              |                  | 30 - < 35 % |
|           | 231-765-0                                                                  | 008-003-00-9 | 01-2119485845-22 |             |
|           | Ox. Liq. 1, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1A; H271 H332 H302 H314 |              |                  |             |

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                                                                                                                                                                                                                                                                                                                                                           |             |
| 7722-84-1 | 231-765-0 | hydrogen peroxide solution ... %                                                                                                                                                                                                                                                                                                                                                                   | 30 - < 35 % |
|           |           | inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = > 2000 mg/kg; oral: LD50 = 1026 mg/kg Ox. Liq. 1; H271: >= 70 - 100 Ox. Liq. 2; H272: >= 50 - < 70 Skin Corr. 1A; H314: >= 70 - 100 Skin Corr. 1B; H314: >= 50 - < 70 Skin Irrit. 2; H315: >= 35 - < 50 Eye Dam. 1; H318: >= 8 - < 50 Eye Irrit. 2; H319: >= 5 - < 8 STOT SE 3; H335: >= 35 - 100 |             |

**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.

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**

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

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

Consult an ophthalmologist.

**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**

Dizziness, Unconsciousness

Gastrointestinal complaints, Vomiting

Headache, Spasms

Irritant, corrosive

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

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Oxidizing

**5.3. Advice for firefighters**

Avoid contact with skin, eyes and clothes.

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

**Additional information**

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****General advice**

Oxidising agent

**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.

Provide adequate ventilation.

Avoid contact with skin, eyes and clothes.

Do not breathe vapour/aerosol.

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**Advice on protection against fire and explosion**

Keep away from combustible material.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Advice on general occupational hygiene**

Take off contaminated clothing.

Wash hands before breaks and after work.

When using do not eat or drink.

**Further information on handling**

Take off contaminated clothing and wash it before reuse.

Wash hands before breaks and after work.

Draw up and observe skin protection programme.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Close containers in such a way to enable internal pressure to escape (e.g. excess pressure valve).

Unsuitable container/equipment material: Metal

**Hints on joint storage**

Keep away from combustible material.

Take national regulations into account.

**Further information on storage conditions**

Keep cool. Protect from sunlight.

Protect against: Light, Radiant heat.

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

Laboratory chemicals

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits (EH40)**

| CAS No    | Substance         | ppm | mg/m <sup>3</sup> | fibres/ml | Category      | Origin |
|-----------|-------------------|-----|-------------------|-----------|---------------|--------|
| 7722-84-1 | Hydrogen peroxide | 1   | 1.4               |           | TWA (8 h)     | WEL    |
|           |                   | 2   | 2.8               |           | STEL (15 min) | WEL    |

**DNEL/DMEL values**

| CAS No                   | Substance                        | Exposure route | Effect | Value                  |
|--------------------------|----------------------------------|----------------|--------|------------------------|
| 7722-84-1                | hydrogen peroxide solution ... % |                |        |                        |
| Worker DNEL, long-term   |                                  | inhalation     | local  | 1,4 mg/m <sup>3</sup>  |
| Worker DNEL, acute       |                                  | inhalation     | local  | 3 mg/m <sup>3</sup>    |
| Consumer DNEL, long-term |                                  | inhalation     | local  | 0,21 mg/m <sup>3</sup> |
| Consumer DNEL, acute     |                                  | inhalation     | local  | 1,93 mg/m <sup>3</sup> |

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**PNEC values**

| CAS No                                           | Substance                        |             |
|--------------------------------------------------|----------------------------------|-------------|
| Environmental compartment                        |                                  | Value       |
| 7722-84-1                                        | hydrogen peroxide solution ... % |             |
| Freshwater                                       |                                  | 0,013 mg/l  |
| Freshwater (intermittent releases)               |                                  | 0,014 mg/l  |
| Marine water                                     |                                  | 0,013 mg/l  |
| Freshwater sediment                              |                                  | 0,047 mg/kg |
| Marine sediment                                  |                                  | 0,047 mg/kg |
| Micro-organisms in sewage treatment plants (STP) |                                  | 4,66 mg/l   |
| Soil                                             |                                  | 0,002 mg/kg |

**8.2. Exposure controls****Appropriate engineering controls**

Technical measures and the application of suitable work processes have priority over personal protection equipment.

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

Suitable eye protection: goggles.

**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

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.

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**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:                             | -26 °C            |
| Boiling point or initial boiling point and boiling range: | 107 °C            |
| Flammability:                                             | No data available |
| Lower explosion limits:                                   | No data available |
| Upper explosion limits:                                   | No data available |
| Flash point:                                              | X                 |
| Auto-ignition temperature:                                | No data available |
| Decomposition temperature:                                | >100 °C           |
| pH-Value (at 20 °C):                                      | 3,9               |
| Viscosity / kinematic:                                    | No data available |
| Water solubility:                                         | very soluble      |
| Solubility in other solvents                              |                   |
| not determined                                            |                   |
| Dissolution rate:                                         | No data available |
| Partition coefficient n-octanol/water:                    | No data available |
| Dispersion stability:                                     | No data available |
| Vapour pressure:                                          | 18 hPa            |
| (at 20 °C)                                                |                   |
| Vapour pressure:                                          | No data available |
| Density:                                                  | 1,11 g/cm³        |
| 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**

The product is: oxidising, Oxidising.

**Other safety characteristics****Evaporation rate:**

No data available

**Solvent separation test:**

No data available

**Solvent content:**

No data available

**Solid content:**

No data available

**Sublimation point:**

No data available

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|                      |                   |
|----------------------|-------------------|
| 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**

Oxidizing

**10.2. Chemical stability**

Protect against:

Heat

Light

**10.3. Possibility of hazardous reactions**

Combustible substance, Ether, Oxidising agent  
permanganates, e.g. potassium permanganate; Substance, organic  
Brass, Alkali metals, Alkaline earth metal  
metals, , aldehydes  
Alcohol, Amines, Ammonia (NH<sub>3</sub>)  
Acid, Alkali (lye), Acetone  
Aniline, Lead, Metal powder  
Acetic acid, Acetic anhydride, Methanol  
White/yellow phosphor, Phosphorus oxides (e.g. P<sub>2</sub>O<sub>5</sub>), Sulphuric acid, concentrated,  
Heavy metals, Nitric acid, Phenol

**10.4. Conditions to avoid**

Heat

Light

**10.5. Incompatible materials**

Lead, bronze  
ferrous metal, Copper  
Brass, silver  
metals

**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**

There are no data available on the mixture itself.

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**Acute toxicity**

Harmful if inhaled.

Harmful if swallowed.

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

Resorption (oral)

Inhalation effect: Damage to the respiratory tract.

| CAS No    | Chemical name                    |                   |         |                     |                                          |
|-----------|----------------------------------|-------------------|---------|---------------------|------------------------------------------|
|           | Exposure route                   | Dose              | Species | Source              | Method                                   |
| 7722-84-1 | hydrogen peroxide solution ... % |                   |         |                     |                                          |
|           | oral                             | LD50 1026 mg/kg   | Rat     | Study report (1996) | OECD Guideline 401                       |
|           | dermal                           | LD50 > 2000 mg/kg | Rabbit  | Study report (1983) | other: US EPA Toxic Substance Health Eff |
|           | 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 damage.

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

Conjunctival oedema (chemosis).

**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.

**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**

Dizziness, Unconsciousness

Gastrointestinal complaints, Vomiting

Headache, Spasms

Irritant, corrosive

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Risk of serious damage to eyes.

**Further information**

There are no data available on the mixture itself.

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

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

| CAS No    | Chemical name                    |               |           |         |                                                           |                        |
|-----------|----------------------------------|---------------|-----------|---------|-----------------------------------------------------------|------------------------|
|           | Aquatic toxicity                 | Dose          | [h]   [d] | Species | Source                                                    | Method                 |
| 7722-84-1 | hydrogen peroxide solution ... % |               |           |         |                                                           |                        |
|           | Acute fish toxicity              | LC50<br>mg/l  | 16,4      | 96 h    | Pimephales<br>promelas                                    | Study report<br>(1989) |
|           | Acute algae toxicity             | ErC50<br>mg/l | 1,38      | 72 h    | Skeletonema<br>costatum                                   | Study report<br>(1997) |
|           | Acute crustacea toxicity         | EC50          | 2,4 mg/l  | 48 h    | Daphnia pulex                                             | Study report<br>(1989) |
|           | Crustacea toxicity               | NOEC<br>mg/l  | 0,63      | 21 d    | Daphnia magna                                             | Publication (2008)     |
|           | Acute bacteria toxicity          | EC50<br>( )   | 466 mg/l  | 0,5 h   | activated sludge of a<br>predominantly<br>domestic sewage | Study report<br>(1999) |
|           |                                  |               |           |         |                                                           | OECD Guideline<br>209  |

**12.2. Persistence and degradability**

Readily biodegradable (according to OECD criteria).

**12.3. Bioaccumulative potential****Partition coefficient n-octanol/water**

| CAS No    | Chemical name                    | Log Pow |
|-----------|----------------------------------|---------|
| 7722-84-1 | hydrogen peroxide solution ... % | -1,57   |

**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 UK REACH.

**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**

Avoid release to the environment.

**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 mix with other wastes.  
Do not empty into drains.

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**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 2014                             |
| <b>14.2. UN proper shipping name:</b>    | HYDROGEN PEROXIDE, AQUEOUS SOLUTION |
| <b>14.3. Transport hazard class(es):</b> | 5.1                                 |
| <b>14.4. Packing group:</b>              | II                                  |
| Hazard label:                            | 5.1+8                               |
| Classification code:                     | OC1                                 |
| Limited quantity:                        | 1 L                                 |
| Excepted quantity:                       | E2                                  |
| Transport category:                      | 2                                   |
| Hazard No:                               | 58                                  |
| Tunnel restriction code:                 | E                                   |

**Inland waterways transport (ADN)**

|                                          |                                     |
|------------------------------------------|-------------------------------------|
| <b>14.1. UN number or ID number:</b>     | UN 2014                             |
| <b>14.2. UN proper shipping name:</b>    | Hydrogen peroxide, aqueous solution |
| <b>14.3. Transport hazard class(es):</b> | 5.1                                 |
| <b>14.4. Packing group:</b>              | II                                  |
| Hazard label:                            | 5.1+8                               |
| Classification code:                     | OC1                                 |
| Limited quantity:                        | 1 L                                 |
| Excepted quantity:                       | E2                                  |

**Marine transport (IMDG)**

|                                          |                                     |
|------------------------------------------|-------------------------------------|
| <b>14.1. UN number or ID number:</b>     | UN 2014                             |
| <b>14.2. UN proper shipping name:</b>    | Hydrogen peroxide, aqueous solution |
| <b>14.3. Transport hazard class(es):</b> | 5.1                                 |
| <b>14.4. Packing group:</b>              | II                                  |
| Hazard label:                            | 5.1+8                               |
| Special Provisions:                      | -                                   |
| Limited quantity:                        | 1 L                                 |
| Excepted quantity:                       | E2                                  |
| EmS:                                     | F-H, S-Q                            |

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

|                                          |                                     |
|------------------------------------------|-------------------------------------|
| <b>14.1. UN number or ID number:</b>     | UN 2014                             |
| <b>14.2. UN proper shipping name:</b>    | HYDROGEN PEROXIDE, AQUEOUS SOLUTION |
| <b>14.3. Transport hazard class(es):</b> | 5.1                                 |
| <b>14.4. Packing group:</b>              | -                                   |
| Hazard label:                            | 5.1+8                               |
| Limited quantity Passenger:              | Forbidden                           |
| Passenger LQ:                            | Forbidden                           |
| IATA-packing instructions - Passenger:   | Forbidden                           |
| IATA-max. quantity - Passenger:          | Forbidden                           |
| IATA-packing instructions - Cargo:       | Forbidden                           |
| IATA-max. quantity - Cargo:              | Forbidden                           |

**14.5. Environmental hazards**

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ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

Warning: Oxidising substances.

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

not applicable

**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

P8 OXIDISING LIQUIDS AND SOLIDS

2012/18/EU (SEVESO III):

Marketing and use of explosives precursors (Regulation (EU) 2019/1148):

Acquisition, introduction, possession or use of this product by the general public is restricted by Regulation (EU) 2019/1148. All suspicious transactions, and significant disappearances and thefts should be reported to the relevant national contact point.

**National regulatory information**

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D):

1 - slightly hazardous to water

**SECTION 16: Other information****Abbreviations and acronyms**

Ox. Liq. 1: Oxidising liquids, hazard category 1

Ox. Liq. 3: Oxidising liquids, hazard category 3

Acute Tox. 4: Acute toxicity, hazard category 4

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

Eye Dam. 1: Serious eye damage, hazard category 1

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

**Classification for mixtures and used evaluation method**

| Classification     | Classification procedure |
|--------------------|--------------------------|
| Ox. Liq. 3; H272   |                          |
| Acute Tox. 4; H332 |                          |
| Acute Tox. 4; H302 |                          |
| Eye Dam. 1; H318   | Calculation method       |

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

**Hydrogen peroxide 30 weight % solution a**

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|           |                                               |
|-----------|-----------------------------------------------|
| H271      | May cause fire or explosion; strong oxidiser. |
| H272      | May intensify fire; oxidiser.                 |
| H302      | Harmful if swallowed.                         |
| H302+H332 | Harmful if swallowed or if inhaled.           |
| H314      | Causes severe skin burns and eye damage.      |
| H318      | Causes serious eye damage.                    |
| H332      | Harmful if inhaled.                           |

**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

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