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

1.1. Product identifier

SORGENE 5

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

Relevant identified uses: disinfectant

1.3. Details of the supplier of the safety data sheet

Company: BASF SE
67056 Ludwigshafen
GERMANY

Contact address: BASF plc
PO Box 4, Earl Road, Cheadle Hulme, Cheshire
SK8 6QG, UNITED KINGDOM

Telephone: +44 161 485-6222
E-mail address: product-safety-north@basf.com

1.4. Emergency telephone number

International emergency number: Telephone: +49 180 2273-112

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

According to Regulation (EC) No 1272/2008 [CLP]

Ox. Liq. 2
Acute Tox. 4 (oral)
Skin Corr./Irrit. 1A
Eye Dam./Irrit. 1
STOT SE 3 (irritating to respiratory system)

According to Directive 67/548/EEC or 1999/45/EC

Possible Hazards:
Contact with combustible material may cause fire.
Harmful if swallowed.
Causes burns.
Irritating to respiratory system.
Harmful to aquatic organisms.

For the classifications not written out in full in this section the full text can be found in section 16.

2.2. Label elements

Globally Harmonized System (GHS) in accordance with UK regulations.

Pictogram:

Signal Word:
Danger

Hazard Statement:
H272 May intensify fire; oxidizer.
H302 Harmful if swallowed.
H335 May cause respiratory irritation.
H314 Causes severe skin burns and eye damage.

Precautionary Statements (Prevention):
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P271 Use only outdoors or in a well-ventilated area.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 Do not breathe dust or mist.
P221 Take any precaution to avoid mixing with combustibles ...
P220 Keep/Store away from clothing/combustible materials.
P270 Do not eat, drink or smoke when using this product.
P264 Wash contaminated body parts thoroughly after handling.

Precautionary Statements (Response):
BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 11.06.2015
Product: SORGENE 5
(ID no. 30485831/SDS_GEN_GB/EN)

Precautionary Statements (Storage):
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

Precautionary Statements (Disposal):
P501 Dispose of contents/container to hazardous or special waste collection point.

Labeling of special preparations (GHS):
Acquisition, possession or use by the general public is restricted.

According to Regulation (EC) No 1272/2008 [CLP]

Hazard determining component(s) for labelling: HYDROGEN PEROXIDE, PERACETIC ACID, 4-C10/C13-SEC-ALKYLBENZENESULFONIC ACID DERIVATIVES

According to Directive 67/548/EEC or 1999/45/EC

Classification/labelling in accordance with UK regulations.

Hazard symbol(s)
C Corrosive.
O Oxidizing.

R-phrase(s)
R8 Contact with combustible material may cause fire.
R22 Harmful if swallowed.
R34 Causes burns.
R37 Irritating to respiratory system.
R52 Harmful to aquatic organisms.

S-phrase(s)
S1/2  Keep locked-up and out of reach of children.
S9   Keep container in a well-ventilated place.
S13  Keep away from food, drink and animal feeding stuffs.
S20/21 When using do not eat, drink or smoke.
S26  In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28.2 After contact with skin, wash immediately with plenty of water.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45  In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S51  Use only in well-ventilated areas.

Self classification

Hazard determining component(s) for labelling: HYDROGEN PEROXIDE, PERACETIC ACID, 4-C10/C13-SEC-ALKYLBENZENESULFONIC ACID DERIVATIVES

2.3. Other hazards

According to Regulation (EC) No 1272/2008 [CLP]

See section 12 - Results of PBT and vPvB assessment.

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

SECTION 3: Composition/Information on Ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Chemical nature

Biocidal product
Cleaning Agent

Hazardous ingredients (GHS) according to Regulation (EC) No. 1272/2008

hydrogen peroxide solution...%
**BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.**

**Product:** SORGENE 5  
(ID no. 30485831/SDS_GEN_GB/EN)  
Date of print 12.06.2015

<table>
<thead>
<tr>
<th>Content (W/W): &lt; 30 %</th>
<th>Ox. Liq. 1</th>
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<tbody>
<tr>
<td>CAS Number: 7722-84-1</td>
<td>Acute Tox. 4 (Inhalation - vapour)</td>
</tr>
<tr>
<td>EC-Number: 231-765-0</td>
<td>Acute Tox. 4 (oral)</td>
</tr>
<tr>
<td>REACH registration number: 01-211945845-22</td>
<td>Eye Dam./Irrit. 1A</td>
</tr>
<tr>
<td>INDEX-Number: 008-003-00-9</td>
<td>H271, H332, H302, H314</td>
</tr>
</tbody>
</table>

**Specific concentration limit:**
- Eye Dam./Irrit. 2: 5 - < 8 %
- Eye Dam./Irrit. 1: 8 - < 50 %
- Skin Corr./Irrit. 2: 35 - < 50 %
- Skin Corr./Irrit. 1B: 50 - < 70 %
- Skin Corr./Irrit. 1A: >= 70 %
- STOT SE 3, irr. to respiratory syst.: >= 35 %
- Ox. Liq. 2: 50 - < 70 %
- Ox. Liq. 1: >= 70 %

**peracetic acid...%**

<table>
<thead>
<tr>
<th>Content (W/W): &lt; 10 %</th>
<th>Org. Perox. D</th>
</tr>
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<tbody>
<tr>
<td>CAS Number: 79-21-0</td>
<td>Flam. Liq. 3</td>
</tr>
<tr>
<td>EC-Number: 201-186-8</td>
<td>Acute Tox. 4 (oral)</td>
</tr>
<tr>
<td>INDEX-Number: 607-094-00-8</td>
<td>Acute Tox. 4 (Inhalation - mist)</td>
</tr>
<tr>
<td></td>
<td>Acute Tox. 4 (dermal)</td>
</tr>
<tr>
<td></td>
<td>Skin Corr./Irrit. 1A</td>
</tr>
<tr>
<td></td>
<td>Eye Dam./Irrit. 1</td>
</tr>
<tr>
<td></td>
<td>Aquatic Acute 1</td>
</tr>
<tr>
<td></td>
<td>H226, H242, H312, H332, H302, H314, H400</td>
</tr>
</tbody>
</table>

**Specific concentration limit:**
- STOT SE 3, irr. to respiratory syst.: >= 1 %

**acetic acid...%**

<table>
<thead>
<tr>
<th>Content (W/W): &lt; 10 %</th>
<th>Flam. Liq. 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS Number: 64-19-7</td>
<td>Skin Corr./Irrit. 1A</td>
</tr>
<tr>
<td>EC-Number: 200-580-7</td>
<td>Eye Dam./Irrit. 1</td>
</tr>
<tr>
<td>REACH registration number: 01-211947532-30</td>
<td>H226, H314</td>
</tr>
<tr>
<td>INDEX-Number: 607-002-00-6</td>
<td><strong>Specific concentration limit:</strong></td>
</tr>
<tr>
<td></td>
<td>Skin Corr./Irrit. 2: 10 - &lt; 25 %</td>
</tr>
<tr>
<td></td>
<td>Eye Dam./Irrit. 2: 10 - &lt; 25 %</td>
</tr>
<tr>
<td></td>
<td>Skin Corr./Irrit. 1B: 25 - &lt; 90 %</td>
</tr>
<tr>
<td></td>
<td>Skin Corr./Irrit. 1A: &gt;= 90 %</td>
</tr>
</tbody>
</table>

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.
Content (W/W): < 5 %  |  Acute Tox. 4 (oral)
CAS Number: 85536-14-7 |  Skin Corr./Irrit. 1C
EC-Number: 287-494-3  |  Eye Dam./Irrit. 1
REACH registration number: 01-2119490234-40 |  Aquatic Chronic 3

Hazard symbol(s): O, C
R-phrase(s): 5, 8, 20/22, 35

**Hazardous ingredients**

hydrogen peroxide solution...%  
Content (W/W): < 30 %  
CAS Number: 7722-84-1  
EC-Number: 231-765-0  
REACH registration number: 01-2119485845-22  
INDEX-Number: 008-003-00-9  
Hazard symbol(s): O, C  
R-phrase(s): 5, 8, 20/22, 35

peracetic acid...%  
Content (W/W): < 10 %  
CAS Number: 79-21-0  
EC-Number: 201-186-8  
INDEX-Number: 607-094-00-8  
Hazard symbol(s): O, C, N  
R-phrase(s): 7, 10, 20/21/22, 35, 50

acetic acid...%  
Content (W/W): < 10 %  
CAS Number: 64-19-7  
EC-Number: 200-580-7  
REACH registration number: 01-2119475328-30  
INDEX-Number: 607-002-00-6  
Hazard symbol(s): C  
R-phrase(s): 10, 35

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.  
Content (W/W): < 5 %  
CAS Number: 85536-14-7  
EC-Number: 287-494-3  
REACH registration number: 01-2119490234-40  
Hazard symbol(s): C  
R-phrase(s): 34, 22

For the classifications not written out in full in this section, including the indication of danger, the hazard symbols, the R phrases, and the hazard statements, the full text is listed in section 16.
SECTION 4: First-Aid Measures

4.1. Description of first aid measures
First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.

If inhaled:
Keep patient calm, remove to fresh air, seek medical attention. Immediately administer a corticosteroid from a controlled/metered dose inhaler.

On skin contact:
Immediately wash thoroughly with plenty of water, apply sterile dressings, consult a skin specialist.

On contact with eyes:
Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:
Do not induce vomiting. Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11., Further important symptoms and effects are so far not known.

4.3. Indication of any immediate medical attention and special treatment needed
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

SECTION 5: Fire-Fighting Measures

5.1. Extinguishing media
Suitable extinguishing media:
water spray, foam, dry powder, carbon dioxide

5.2. Special hazards arising from the substance or mixture
Has a fire-promoting effect due to release of oxygen.

carbon monoxide, Carbon dioxide, nitrogen oxides
The substances/groups of substances mentioned can be released in case of fire.

5.3. Advice for fire-fighters
Special protective equipment:
Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:
Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. In case of fire and/or explosion do not breathe fumes. Keep containers cool by spraying with water if exposed to fire.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures
Do not breathe vapour/spray. Use personal protective clothing. Avoid contact with the skin, eyes and clothing.

6.2. Environmental precautions
Do not discharge into drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

Do not allow contamination of public drains or surface or ground waters. Inform local water plc if spillage enters drains and the Environment Agency (England & Wales), the Scottish Environmental Protection Agency (Scotland), or the Environment and Heritage Service (Northern Ireland) if it enters surface or ground waters. Keep people and animals away.

6.3. Methods and material for containment and cleaning up
For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).
For large amounts: Dike spillage. Pump off product. Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

6.4. Reference to other sections
Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

SECTION 7: Handling and Storage

7.1. Precautions for safe handling
No special measures necessary if stored and handled correctly. Ensure thorough ventilation of stores and work areas. When using do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift.

Protection against fire and explosion:
No special precautions necessary. The substance/product is non-combustible. Product is not explosive.

7.2. Conditions for safe storage, including any incompatibilities
Segregate from foods and animal feeds.
Further information on storage conditions: Keep away from heat. Protect from direct sunlight.

Protect from temperatures above: 35 °C
Changes in the properties of the product may occur if substance/product is stored above indicated temperature for extended periods of time.

### 7.3. Specific end use(s)
For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

### SECTION 8: Exposure Controls/Personal Protection

#### 8.1. Control parameters

**Components with occupational exposure limits**

- **7722-84-1: hydrogen peroxide solution...%**
  - TWA value: 1.4 mg/m³; 1 ppm (WEL/EH 40 (UK))
  - STEL value: 2.8 mg/m³; 2 ppm (WEL/EH 40 (UK))

- **64-19-7: acetic acid...%**
  - TWA value: 25 mg/m³; 10 ppm (OEL (EU))

Refer to the current edition of HSE Guidance Note EH40 Occupational Exposure Limits (United Kingdom). For normal use and handling refer to the product label/leaflet. In all other cases the following apply.

#### 8.2. Exposure controls

**Personal protective equipment**

- **Respiratory protection:** Suitable respiratory protection for lower concentrations or short-term effect: Combination filter for gases/vapours of organic, inorganic, acid inorganic, alkaline compounds and toxic particles (e.g. EN 14387 Type ABEK-P3)

- **Hand protection:** Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) etc.

- **Eye protection:** Tightly fitting safety goggles (cage goggles) (e.g. EN 166) and face shield.

- **Body protection:** Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

**General safety and hygiene measures**
Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended. Store work clothing separately. Keep away from food, drink and animal feeding stuffs.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Form: liquid
Colour: almost colourless
Odour: pungent odour
Odour threshold: Not determined due to potential health hazard by inhalation.
pH value: strongly acidic, The statements are based on the properties of the individual components.
Melting point: The product has not been tested.
Boiling point: The product has not been tested.
Flash point: A flash point determination is unnecessary due to the high water content.
Evaporation rate: not applicable
Flammability: not applicable
Lower explosion limit: As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Upper explosion limit: As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Ignition temperature: Based on the water content the product does not ignite.
Vapour pressure: The product has not been tested.
Density: approx. 1.11 g/cm³
(20 °C, 1,013 hPa)
Relative vapour density (air): not applicable
Solubility in water: miscible
Partitioning coefficient n-octanol/water (log Kow): not applicable
Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.
Viscosity, dynamic: not determined
Explosion hazard: not explosive
Fire promoting properties: Oxidizing.

9.2. Other information

Other Information:
If necessary, information on other physical and chemical parameters is indicated in this section.

SECTION 10: Stability and Reactivity

10.1. Reactivity
No hazardous reactions if stored and handled as prescribed/indicated.

| Corrosion to metals: Corrosive effect on: carbon steel (iron) |

10.2. Chemical stability
The product is stable if stored and handled as prescribed/indicated.

10.3. Possibility of hazardous reactions
No hazardous reactions if stored and handled as prescribed/indicated.

10.4. Conditions to avoid
See MSDS section 7 - Handling and storage.

10.5. Incompatible materials

Substances to avoid: strong acids, strong bases, strong oxidizing agents

10.6. Hazardous decomposition products
Hazardous decomposition products:
No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects
Acute toxicity

Assessment of acute toxicity:
Of moderate toxicity after single ingestion.

Experimental/calculated data:
LD50 rat (oral): 1,510 mg/kg
(by inhalation): The product has not been tested. The statement has been derived from the properties of the individual components.
(dermal): The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: hydrogen peroxide solution...%
Experimental/calculated data:
LC50 rat (by inhalation): > 0.4 mg/l 8 h
The European Union (EU) has classified this substance as 'harmful'. The vapour was tested.

LC50 mouse (by inhalation): > 0.9 - < 2 mg/l 2 h
The European Union (EU) has classified this substance as 'harmful'. An aerosol was tested.

Irritation

Assessment of irritating effects:
Highly corrosive! Damages skin and eyes. The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: hydrogen peroxide solution...%
Experimental/calculated data:
Skin corrosion/irritation rabbit: Corrosive. (Draize test)

Information on: acetic acid...%
Experimental/calculated data:
Skin corrosion/irritation rabbit: Slightly irritating.
Data refer to a diluted aqueous solution of the substance.

Information on: peracetic acid...%
Information on: Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.
Experimental/calculated data:
Skin corrosion/irritation rabbit: Corrosive. (BASF-Test)
Skin corrosion/irritation rabbit: Corrosive. (OECD Guideline 404)

Information on: hydrogen peroxide solution...%
Experimental/calculated data:
Serious eye damage/irritation rabbit: Irritant.

Information on: acetic acid...%
Experimental/calculated data:
Serious eye damage/irritation rabbit: Irritant.
Data refer to a diluted aqueous solution of the substance.

Information on: peracetic acid...%
Information on: Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.
Experimental/calculated data:
Serious eye damage/irritation rabbit: irreversible damage (BASF-Test)

Respiratory/Skin sensitization
Assessment of sensitization:
There is no evidence of a skin-sensitizing potential. The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: hydrogen peroxide solution...%
Experimental/calculated data:
guinea pig: Non-sensitizing.

Information on: Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.
Experimental/calculated data:
Guinea pig maximization test guinea pig: Non-sensitizing.

Germ cell mutagenicity
Assessment of mutagenicity:
The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: hydrogen peroxide solution...%
Assessment of mutagenicity:
The substance was mutagenic in various test systems with bacterias and cell cultures; however, these results could not be confirmed in tests with mammals.

Carcinogenicity
Assessment of carcinogenicity:
The product has not been tested. The statement has been derived from the properties of the individual components. The results of various animal studies gave no indication of a carcinogenic effect.
Reproductive toxicity

Assessment of reproduction toxicity:
The product has not been tested. The statement has been derived from the properties of the individual components. The results of animal studies gave no indication of a fertility impairing effect.

Developmental toxicity

Assessment of teratogenicity:
The product has not been tested. The statement has been derived from the properties of the individual components. Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals.

Specific target organ toxicity (single exposure)

Assessment of STOT single:
Causes temporary irritation of the respiratory tract.

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:
The product has not been tested. The statement has been derived from the properties of the individual components. No substance-specific organtoxicity was observed after repeated administration to animals.

Other relevant toxicity information

Misuse can be harmful to health.

SECTION 12: Ecological Information

12.1. Toxicity

Assessment of aquatic toxicity:
Acutely toxic for aquatic organisms.

The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: peracetic acid...
Toxicity to fish:
(96 h), Brachydanio rerio (other)

LC0 0,8 mg/l

LC50 1,3 mg/l

LC100 2,2 mg/l
12.2. Persistence and degradability

Assessment biodegradation and elimination (H2O):
The product has not been tested. The statement has been derived from the properties of the individual components.

| Information on: Peracetic acid
Assessment biodegradation and elimination (H2O):
| Biodegradable.

12.3. Bioaccumulative potential

Assessment bioaccumulation potential:
The product has not been tested. The statement has been derived from the properties of the individual components.

| Information on: Peracetic acid
Assessment bioaccumulation potential:
| The product has not been tested.

12.4. Mobility in soil

Assessment transport between environmental compartments:
Adsorption in soil: No data available.

12.5. Results of PBT and vPvB assessment

The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

12.6. Other adverse effects
The product does not contain substances that are listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

12.7. Additional information

Other ecotoxicological advice:
Do not discharge product into the environment without control.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Must be disposed of or incinerated in accordance with local regulations.

The UK Environmental Protection (Duty of Care) Regulations (EP) and amendments should be noted (United Kingdom).
This product and any uncleaned containers must be disposed of as hazardous waste in accordance with the 2005 Hazardous Waste Regulations and amendments (United Kingdom)

Contaminated packaging:
Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

SECTION 14: Transport Information

Land transport

ADR

<table>
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<tr>
<th>UN number</th>
<th>UN3149</th>
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<tbody>
<tr>
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<td>HYDROGEN PEROXIDE AND PEROXYACETIC ACID, MIXTURE, STABILIZED</td>
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<tr>
<td>Transport hazard class(es):</td>
<td>5.1, 8</td>
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<tr>
<td>Packing group:</td>
<td>II</td>
</tr>
<tr>
<td>Environmental hazards:</td>
<td>no</td>
</tr>
<tr>
<td>Special precautions for user:</td>
<td>Tunnel code: E</td>
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RID

<table>
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<th>UN number</th>
<th>UN3149</th>
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<td>HYDROGEN PEROXIDE AND PEROXYACETIC ACID, MIXTURE, STABILIZED</td>
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<tr>
<td>Transport hazard class(es):</td>
<td>5.1, 8</td>
</tr>
<tr>
<td>Packing group:</td>
<td>II</td>
</tr>
<tr>
<td>Environmental hazards:</td>
<td>no</td>
</tr>
<tr>
<td>Special precautions for user:</td>
<td>None known</td>
</tr>
</tbody>
</table>
user:

**Inland waterway transport**

ADN

- **UN number:** UN3149
- **UN proper shipping name:** HYDROGEN PEROXIDE AND PEROXYACETIC ACID, MIXTURE, STABILIZED
- **Transport hazard class(es):** 5.1, 8
- **Packing group:** II
- **Environmental hazards:** no
- **Special precautions for user:** None known
- **Transport in inland waterway vessel:** Not evaluated

**Sea transport**

IMDG

- **UN number:** UN 3149
- **UN proper shipping name:** HYDROGEN PEROXIDE AND PEROXYACETIC ACID, MIXTURE, STABILIZED
- **Transport hazard class(es):** 5.1, 8
- **Packing group:** II
- **Environmental hazards:** no
- **Special precautions for user:** None known
- **Marine pollutant:** NO

**Air transport**

IATA/ICAO

- **UN number:** UN 3149
- **UN proper shipping name:** HYDROGEN PEROXIDE AND PEROXYACETIC ACID, MIXTURE, STABILIZED
- **Transport hazard class(es):** 5.1, 8
- **Packing group:** II
- **Environmental hazards:** No Mark as dangerous for the environment is needed
- **Special precautions for user:** None known

14.1. **UN number**

See corresponding entries for “UN number” for the respective regulations in the tables above.
14.2. UN proper shipping name
See corresponding entries for "UN proper shipping name" for the respective regulations in the tables above.

14.3. Transport hazard class(es)
See corresponding entries for "Transport hazard class(es)" for the respective regulations in the tables above.

14.4. Packing group
See corresponding entries for "Packing group" for the respective regulations in the tables above.

14.5. Environmental hazards
See corresponding entries for "Environmental hazards" for the respective regulations in the tables above.

14.6. Special precautions for user
See corresponding entries for "Special precautions for user" for the respective regulations in the tables above.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Regulation: Not evaluated
Shipment approved: Not evaluated
Pollution name: Not evaluated
Pollution category: Not evaluated
Ship Type: Not evaluated

Further information
This product is subject to the most recent edition of "The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations" and their amendments (United Kingdom).

SECTION 15: Regulatory Information

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

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

The data should be considered when making any assessment under the Control of Substances Hazardous to Health Regulations (COSHH), and related guidance, for example, 'COSHH Essentials' (United Kingdom).
This product is classified under the Chemicals (Hazard Information and Packaging) Regulations, (CHIP) (United Kingdom).
This product may be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments if specific threshold tonnages are exceeded (United Kingdom).

15.2. Chemical Safety Assessment
SECTION 16: Other Information

Full text of the classifications, including the indication of danger, the hazard symbols, the R phrases, and the hazard statements, if mentioned in section 2 or 3:

O Oxidizing.
C Corrosive.
N Dangerous for the environment.
5 Heating may cause an explosion.
8 Contact with combustible material may cause fire.
20/22 Harmful by inhalation and if swallowed.
35 Causes severe burns.
7 May cause fire.
10 Flammable.
20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
50 Very toxic to aquatic organisms.
34 Causes burns.
22 Harmful if swallowed.
Ox. Liq. Oxidising liquids
Acute Tox. Acute toxicity
Skin Corr./Irrit. Skin corrosion/irritation
Eye Dam./Irrit. Serious eye damage/eye irritation
STOT SE Specific target organ toxicity — single exposure
Org. Perox. Organic Peroxides
Flam. Liq. Flammable liquids
Aquatic Acute Hazardous to the aquatic environment - acute
Aquatic Chronic Hazardous to the aquatic environment - chronic
H271 May cause fire or explosion; strong oxidizer.
H332 Harmful if inhaled.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H226 Flammable liquid and vapour.
H242 Heating may cause a fire.
H312 Harmful in contact with skin.
H400 Very toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

If you have any queries relating to this MSDS, its contents or any other product safety related questions, please write to the following e-mail address: product-safety-north@basf.com

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.
Vertical lines in the left hand margin indicate an amendment from the previous version.