Safety Data Sheet

Classic 3% Sodium Hypochlorite
Revision Date 14/07/2014
Revision NA
Supersedes date NA

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier
Product name: Classic Sodium Hypochlorite 3%

1.2. Relevant identified uses of the substance or mixture and uses advised against
Product use [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [SU10] Formulation [mixing] of preparations and/or re-packaging (excluding alloys); [PC8] Biocidal products (e.g. Disinfectants, pest control); [PROC8b] Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities;

1.3. Details of the supplier of the safety data sheet
Manufacturer/supplier: Made for UnoDent Ltd. Tel: 01376 500582
Address: 10 Perry Way, Witham, Essex Fax: 01376 500581
CM8 3SX, UK
Information sector: Technical Department Tel: 01376 500582
Emergency information: Technical Department
Emergency e-mail: info@unodent.com

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
2.1.1. Classification - 67/548/EEC Xi; R36/38 R31
Symbols: Xi: Irritant..
Contact with acids liberates toxic gas. Irritating to eyes and skin.

2.1.2. Classification - EC 1272/2008 EUH031; Skin Irrit. 2: H315; Eye Irrit. 2: H319;

2.2. Label elements
Hazard pictograms

Page 1 of 7
Signal Word  Warning
Precautionary Statement  
Prevention  P264 - Wash thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement:
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 - Specific treatment (see on this label).
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
2.3. Other hazards
This product does not contain any PBT or VPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Index No.</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>REACH Registration Number</th>
<th>Conc. (%w/w)</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hypochlorite, solution... % Cl active</td>
<td>017-011-00-1</td>
<td>7881-52-9</td>
<td>231-868-3</td>
<td></td>
<td>1 - 10%</td>
<td>C; R34 R31 N; R50</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>011-002-00-6</td>
<td>1310-73-2</td>
<td>215-185-5</td>
<td></td>
<td>0 - 0.5%</td>
<td>C; R35</td>
</tr>
<tr>
<td>EC 1272/2008</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3.2. Mixtures
See section 3.1 for further information.
SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

**Inhalation**
Considered to be not hazardous by inhalation. Seek medical attention if irritation or symptoms persist.

**Eye contact**
Remove the affected person from the source of contamination immediately. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention

**Skin contact**
Irritating to skin. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.

**Ingestion**
Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

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

<table>
<thead>
<tr>
<th></th>
<th>Inhalation.</th>
<th>Eye contact</th>
<th>Skin contact</th>
<th>Ingestion</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No specific symptoms noted.</td>
<td>Causes serious eye damage.</td>
<td>Irritating to skin.</td>
<td>No specific symptoms noted.</td>
</tr>
</tbody>
</table>

4.3. Indication of any immediate medical attention and special treatment needed
If you feel unwell, seek medical advice (show the label where possible). No specific first aid measures noted.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media
This product is not flammable. Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture
Contact with acids liberates toxic gas.

5.3. Advice for firefighters
SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. In case of splashing, wear: Approved safety goggles. Surfaces contaminated with the product will become slippery. Wear suitable protective clothing.

6.2. Environmental precautions
Advise local authorities if large spills cannot be contained. Do not allow product to enter drains. Do not flush into surface water. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up
Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections
For waste disposal see Section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling
Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with eyes and skin. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke in areas where this product is used or stored. Wash hands after handling the product. Remove contaminated clothing and protective equipment before entering eating areas. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

7.3. Specific end use(s)
Restricted to professional users.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters
8.1.1. Exposure Limit Values
Sodium hydroxide  WEL 8-hr limit ppm: - WEL 8-hr limit mg/m3: -
WEL 15 min limit ppm: - WEL 15 min limit mg/m3: 2

8.2. Exposure controls
8.2.1. Appropriate engineering controls Keep in a cool, dry, well ventilated area.
8.2.2. Individual protection measures Wear protective clothing
Eye / face protection
In case of splashing, wear: Approved safety goggles. Provide eye wash station.
Skin protection - Handprotection Neoprene gloves.
8.2.3. Environmental exposure Do not empty into drains. Do not flush into surface water. Prevent further controls spillage if safe.
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties
State: Liquid
Colour: Clear
Odour: Chlorine

9.2. Other information
Not relevant.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
Contact with acids liberates toxic gas.

10.2. Chemical stability
Stable under normal conditions. Contact with acids liberates toxic gas. This product is not flammable. Will not decompose if stored and used as recommended.

10.3. Possibility of hazardous reactions
Contact with acids liberates toxic gas. Strong acids and strong bases. Strong oxidising agents.

10.4. Conditions to avoid
Heat. Do NOT allow to freeze.

10.5. Incompatible materials

10.6. Hazardous decomposition products
Burning produces irritating, toxic and obnoxious fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects
Acute toxicity: Based on available data the classification criteria are not met.
Skin corrosion/irritation: Irritating to skin.
Serious eye damage/irritation: Causes serious eye damage.
Respiratory or skin sensitisation: Based on available data the classification criteria are not met.
Germ cell mutagenicity: No mutagenic effects reported.
Carcinogenicity: No carcinogenic effects reported.
Reproductive toxicity: No teratogenic effects reported.
STOT-single exposure: Not classified as a specific target organ toxicant after a single exposure.
STOT-repeated exposure: Not classified as a specific target organ toxicant after repeated exposure.
Aspiration hazard: Based on available data the classification criteria are not met.

11.1.4. Toxicological Information
No data available
SECTION 12: ECOLOGICAL INFORMATION
12.1. Toxicity
No data available
12.2. Persistence and degradability
The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in the Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
12.3. Bioaccumulative potential
No data is available on this product.
12.4. Mobility in soil
The product is soluble in water.
12.5. Results of PBT and vPvB assessment
This product does not contain any PBT or VPvB substances.
12.6. Other adverse effects
Not known.

SECTION 13: DISPOSAL CONSIDERATIONS
13.1. Waste treatment methods
Contact a licensed waste disposal company. Dispose of as special waste in compliance with local and national regulations. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

SECTION 14: TRANSPORT INFORMATION
14.6. Special precautions for use
Not applicable.
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.
ADR/RID The product is not classified as dangerous for carriage.
IMDG The product is not classified as dangerous for carriage.
IATA The product is not classified as dangerous for carriage.
Further information
The product is not classified as dangerous for carriage.

SECTION 15: REGULATORY INFORMATION
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment
No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Text of risk phrases in Section 3
R31 - Contact with acids liberates toxic gas.
R34 - Causes burns.
R35 - Causes severe burns.
R50 - Very toxic to aquatic organisms.

Text of Hazard Statements in Section 3
EUH031 - Contact with acids liberates toxic gas.
Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
Aquatic Acute 1: H400 - Very toxic to aquatic life.
Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.

General information
Only trained personnel should use this material.

Further information
The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy, reliability or completeness. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. It is the user’s responsibility to satisfy him/herself as to the suitability of such information for his/her own particular use.

Copyright