

Product Bactericidal Hand Soap
Revision Date 25/06/2015
Revision 2
Supersedes Date 01/04/2012

SAFETY DATA SHEET



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

1.1. Product identifier

Product name Bactericidal Hand Soap
Product code 801

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

Identified uses Hand soap.

1.3. Details of the supplier of the safety data sheet

Supplier Kitchenmaster NI Ltd
11 Comber Road
Belfast
BT8 8AN
028 9081477
02890812881
sales@kitchenmaster-ni.com
Contact Person SDS Contact: sds@kitchenmaster-ni.com

1.4. Emergency telephone number

Emergency Telephone Number: 028 9081 4777
08:30 – 17:00 Monday to Thursday
08:30 – 16:30 Friday

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

2.1.1 Classification (EC 1272/2008)

Physical and Chemical Hazards Not classified.
Human Health Eye Irrit. 2 - H319
Environment Aquatic Chronic 2 - H411

2.1.2 Classification (1999/45/EEC)

Xi R36.
N R51/53.

2.2. Label elements

2.2.1 Label in Accordance With (EC) No. 1272/2008

Contains Not applicable
Pictogram(s)



| | |
|---------------------------------|---|
| Signal Word | Warning |
| Hazard Statements | H319 Causes serious eye irritation. H411 Toxic to aquatic life with long lasting effects. |
| Precautionary Statements | P260 Do not breathe vapour/spray. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. P310 Immediately call a POISON CENTER or doctor/physician. |

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

This product is a preparation.

3.2. Mixtures

| Product name | Product identifier | REACH Registration | % | Classification (1999/45/EEC) | Classification (EC 1272/2008) |
|--------------------------------------|---------------------------------|--------------------|-------|---|--|
| Amides, coco, N,N-cis (hydroxyethyl) | CAS: 8051-30-7 EC: 232-483-0 | | 1-10% | Xi;R38,R41. | Not classified. |
| FORMALDEHYDE | CAS: 50-00-0 EC: 200-001-8 | | < 1% | Carc. Cat. 3;R40 T;R23/24/25 C;R34 R43 | Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 Skin Corr. 1B - H314 Skin Sens. 1 - H317 Carc. 2 - H351 STOT SE 3 - H335 |
| SODIUM C10-16 ALKYL ETHOXY SULPHATE | CAS: 68585-34-2 EC: | | 1-10% | Xi;R38,R41. | Skin Irrit. 2 - H315 Eye Dam. 1 - H318 |
| TRICLOSAN | CAS: 3380-34-5 EC: 222-182-2 | | < 1% | Xi;R36/38 N;R50/53 | Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Formaldehyde is used in the raw material manufacturing process.

The data shown is in accordance with the latest EC directives

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

| | |
|----------------------------|---|
| General Information | General first aid, rest, warmth and fresh air. |
| Inhalation | Provide rest, warmth and fresh air. |
| Ingestion | Rinse mouth thoroughly. Do not induce vomiting. Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. |
| Skin contact | No specific symptoms noted. |

Eye contact Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes.

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

Inhalation No specific symptoms noted.
Ingestion No specific symptoms noted.
Skin contact Prolonged skin contact may cause redness and irritation
Eye contact Irritating and may cause redness and pain.

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

Treat symptomatically

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing Media This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products When heated, toxic and corrosive vapours/gases may be formed. During fire, toxic gases (CO, CO₂) are formed.
Unusual Fire & Explosion Hazards No unusual fire or explosion hazards noted.
Specific hazards Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3. Advice for firefighters

Special Fire Fighting Procedures If possible, fight fire from protected position. Avoid breathing fire vapours. Ventilate closed spaces before entering them. Containers close to fire should be removed immediately or cooled with water.
Protective equipment for fire-fighters Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes. In case of inadequate ventilation, use respiratory protection.

6.2. Environmental precautions

Do not discharge onto the ground or into water courses.

6.3. Methods and material for containment and cleaning up

Stop leak if possible without risk. DO NOT touch spilled material! When dealing with a spillage, please consult the section relating to suitable protective measures. Wear necessary protective equipment. Absorb spillage with non-combustible, absorbent material. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container. Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. Do not handle broken packages without protective equipment. Do not use contact lenses. Keep away from heat, sparks and open flame.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep upright. Do not mix with other chemicals. Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store separate from other products which react with acids or bases and strong oxidising agents.

7.3. Specific end use(s)

Usage Description

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

| Name | STD | TWA 8 Hrs | | STEL 15 Min | | Notes |
|--------------|-----|-----------|------------|-------------|------------|-------|
| FORMALDEHYDE | OEL | 2 ppm | 2.5 mg/ m3 | 2 ppm | 2.5 mg/ m3 | |
| | WEL | 2 ppm | 2.5 mg/ m3 | 2 ppm | 2.5 mg/ m3 | |

Ingredient Comments

OEL - Occupational Exposure Limit - Ireland, Occupational Exposure Limits 2011
WEL - Workplace Exposure Limits - EH40/2005 Workplace exposure limits

8.2. Exposure controls

8.2.1 Engineering measures

Provide adequate ventilation.

8.2.3 Protective equipment



Eye protection

Wear safety goggles in accordance with EN166. Eye protection equipment should be tested and approved according to regulations applicable, like NIOSH (US) or EN 166 (EU).

Skin protection

Hand protection not required.

Other protection

Provide eyewash station.

8.2.4 Hygiene measures

Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke. Take off immediately all contaminated clothing. Avoid contact with eyes.

8.2.5 Environmental Exposure Controls

Keep container tightly sealed when not in use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | |
|---|--|
| a) Appearance | Liquid |
| b) Colour | Colourless |
| c) Odour | No information available |
| d) pH-Value, Conc. Solution | 7 |
| e) Melting point (°C) | No information available |
| f) Initial boiling point and boiling range (°C) | No information available |
| g) Flash point (°C) | No information available |
| h) Evaporation rate | No information available |
| i) Evaporation Factor | No information available |
| j) Flammability Limit - Lower(%) | No information available |
| k) Flammability Limit - Upper(%) | No information available |
| l) Vapour pressure | No information available |
| m) Vapour density (air=1) | No information available |
| n) Relative density | 1.022+/- 0.003 |
| o) Bulk Density | No information available |
| p) Solubility | No information available |
| q) Decomposition temperature (°C) | No information available |
| s) Partition coefficient; n-octanol/water | No information available |
| t) Auto Ignition Temperature (°C) | No information available |
| u) Viscosity | No information available |
| v) Explosive properties | Not considered to be explosive |
| w) Oxidising properties | Does not meet the criteria for oxidising |

9.2. Other information

No information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reaction with Oxidisers.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Reaction with: See section 10.1 for information on hazardous reactions.
Hazardous Polymerisation Will not polymerise.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time. Avoid contact with oxidisers. Do not mix with other chemicals unless listed on directions. Avoid storing in large quantities or for long periods of time.

10.5. Incompatible materials

Materials To Avoid Avoid oxidising substances. Do not mix with other chemicals unless listed on directions.

10.6. Hazardous decomposition products

During fire, toxic gases (CO, CO₂) are formed.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects****11.1.1 Toxicological Information**

No toxicological information for the overall finished product.

Toxicological Information on ingredients

| Name | Identifier | Acute Toxicity (Oral LD50) | Acute Toxicity (Dermal LD50) | Acute Toxicity (Inhalation LC50) |
|--------------------------------------|-----------------|---|------------------------------|---|
| Amides, coco, N,N-cis (hydroxyethyl) | CAS: 8051-30-7 | > 2000 mg/kg Rat IUCLID chemical data sheet. | No information available | No information available |
| FORMALDEHYDE | CAS: 50-00-0 | LD50 of 800 mg/kg bw Rat REACH dossier information | No information available | RD50 of 38 mg/m ³ Rat REACH dossier information |
| SODIUM C10-16 ALKYL ETHOXY SULPHATE | CAS: 68585-34-2 | No information available | No information available | No information available |
| TRICLOSAN | CAS: 3380-34-5 | No information available | No information available | No information available |

11.1.2 Acute toxicity:

Acute Toxicity (Oral LD50) No toxicological information for the overall finished product.

Acute Toxicity (Dermal LD50) No toxicological information for the overall finished product.

Acute Toxicity (Inhalation LC50) No toxicological information for the overall finished product.

11.1.3 Skin Corrosion/Irritation:

Prolonged skin contact may cause redness and irritation

11.1.4 Serious eye damage/irritation:

Irritating and may cause redness and pain.

11.1.5 Respiratory or skin sensitisation:

Respiratory sensitisation No specific symptoms noted.

Skin sensitisation No specific symptoms noted.

11.1.6 Germ cell mutagenicity:

Genotoxicity - In Vitro No information available.
Genotoxicity - In Vivo No information available.

11.1.7 Carcinogenicity:

Carcinogenicity No information available.

11.1.8 Specific target organ toxicity - single exposure:

STOT - Single exposure No information available.
STOT - Repeated exposure No information available.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Ecotoxicity**

The product is toxic to aquatic life with long lasting effects.

12.2. Toxicity

No ecological toxicity available on the overall finished product.

Ecological Information on ingredients

| Name | Identifier | Acute Toxicity – Aquatic Invertebrates | Acute Toxicity – Aquatic Plants | Acute Toxicity – Fish |
|--------------------------------------|-----------------|---|--|--|
| Amides, coco, N,N-cis (hydroxyethyl) | CAS: 8051-30-7 | EC50 48 hours 2.39 mg/l Daphnia magna IUCLID chemical data sheet. | EC50 96 hours 2.3 mg/l Scenedesmus acutus IUCLID chemical data sheet. | LC50 96 hours 5.4 mg/l Brachydanio rerio (Zebra Fish) IUCLID chemical data sheet |
| FORMALDEHYDE | CAS: 50-00-0 | 48 hours 1.9 mg/L Daphnia pulex REACH dossier information | EC50 72 hours 03.48 mg/L Desmodesmus subspicatus (reported as Scenedesmus subspicatus) REACH dossier information | LC50 96 hours 6.7 mg/L Morone saxatilis (striped bass) REACH dossier information |
| SODIUM C10-16 ALKYL ETHOXY SULPHATE | CAS: 68585-34-2 | No information available | No information available | No information available |
| TRICLOSAN | CAS: 3380-34-5 | No information available | No information available | No information available |

12.3. Persistence and degradability

Degradability The degradability of the product has not been stated.

12.4 Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.5. Mobility in soil

Mobility: The product is soluble in water.

12.6. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.7. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS**General information**

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION**14.1. UN number**

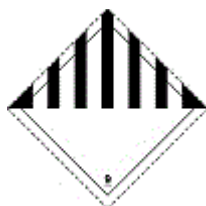
| | |
|----------------------|------|
| UN No. (ADR/RID/ADN) | 3082 |
| UN No. (IMDG) | 3082 |
| UN No. (ICAO) | 3082 |

14.2. UN proper shipping name

| | |
|----------------------|---|
| Proper Shipping Name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (TRICLOSAN, Cocamidopropyl dimethylamine) |
|----------------------|---|

14.3. Transport hazard class(es)

| | |
|---------------------|---|
| ADR/RID/ADN | 9 |
| ADR/RID/ADN Class | 9 |
| ADR Label No. | 9 |
| IMDG Class | 9 |
| ICAO Class/Division | 9 |
| Transport Labels | |

**14.4. Packing group**

| | |
|---------------------------|-----|
| ADR/RID/ADN Packing group | III |
| IMDG Packing group | III |
| ICAO Packing group | III |

14.5. Environmental hazards

| | |
|--|-----|
| Environmentally Hazardous Substance/Marine Pollutant | Yes |
|--|-----|

14.6. Special precautions for user

| | |
|-------------------------|----------|
| EMS | F-A, S-F |
| Emergency Action Code | ·3Z |
| Hazard No. (ADR) | 90 |
| Tunnel Restriction Code | (E) |

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

Not applicable

SECTION 15: REGULATORY INFORMATION**15.1.1 EU Legislation**

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.1.2 Approved Code of Practice

2025 Code of Practice for the Safety, Health and Welfare at Work (Chemical Agents) Regulations 2001 (S.I. No. 619 of 2001)

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION**Indication of Changes**

Revision Date 25/06/2015

Revision 2

Risk Phrases in Full R34 Causes burns.
R36/38 Irritating to eyes and skin.
R36 Irritating to eyes.
R37 Irritating to respiratory system.
R38 Irritating to skin.
R40 Limited evidence of a carcinogenic effect.
R43 May cause sensitization by skin contact.
R41 Risk of serious damage to eyes.
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full H318 Causes serious eye damage
H319 Causes serious eye irritation
H314 Causes severe skin burns and eye damage
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H335 May cause respiratory irritation
H351 Suspected of causing cancer
H331 Toxic if inhaled
H301 Toxic if swallowed
H311 Toxic in contact with skin
H411 Toxic to aquatic life with long lasting effects
H410 Very toxic to aquatic life with long lasting effects
H400 Very toxic to aquatic life

Disclaimer

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.