SAFETY DATA SHEET
BACTERICIDAL HYDROCLEAN

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: BACTERICIDAL HYDROCLEAN
INTERNAL ID: C197
APPLICATION: Detergent Disinfectant
SUPPLIER: ARROW CLEANING & HYGIENE SOLUTIONS
RAWDON ROAD
MOIRA, SWADLINCOTE
DERBYSHIRE
DE12 6DA
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FAX 01283 225731
e-mail: sales@arrowchem.com

2 HAZARDS IDENTIFICATION

Irritating to eyes and skin.
CLASSIFICATION (1999/45) Xi;R36/38.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification (67/548)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TETRASODIUM GLUTAMATE</td>
<td>257-573-7</td>
<td>51981-21-6</td>
<td>5-10%</td>
<td>Xi;R36/38.</td>
</tr>
<tr>
<td>SODIUM SILICATE SOLUTION</td>
<td>215-687-4</td>
<td>1344-09-8</td>
<td>1-5%</td>
<td>Xi;R38,R41.</td>
</tr>
<tr>
<td>CATIONIC SURFACTANT/DISINFECTANT</td>
<td>270-325-2</td>
<td>68424-85-1</td>
<td>1-5%</td>
<td>Xm;R21/22. C;R34. N;R50.</td>
</tr>
<tr>
<td>ALCOHOL ETHOXYLATE SURFACTANT</td>
<td>68131-39-5</td>
<td>1-5%</td>
<td>Xm;R22. Xi;R41. N;R50.</td>
<td></td>
</tr>
<tr>
<td>D519 NON-IONIC SURFACTANT</td>
<td>24938-91-8</td>
<td>1-5%</td>
<td>Xm;R22. Xi;R41.</td>
<td></td>
</tr>
<tr>
<td>DISODIUM METASILICATE</td>
<td>229-912-9</td>
<td>6834-92-0</td>
<td>1-5%</td>
<td>C;R34 Xi;R37</td>
</tr>
</tbody>
</table>

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INGESTION
Rinse mouth thoroughly. DO NOT INDUCE VOMITING! Get medical attention.

SKIN CONTACT
Rinse the skin immediately with lots of water. Get medical attention if irritation persists after washing.

EYE CONTACT
Rinse the eye with water immediately. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
This product is not flammable.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS
Absorb spillage with suitable absorbent material. Flush contaminated area with plenty of water.

7 HANDLING AND STORAGE
BACTERICIDAL HYDROCLEAN

STORAGE PRECAUTIONS
Store in tightly closed original container in a dry and cool place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

HAND PROTECTION
Chemical resistant gloves required for prolonged or repeated contact. Use protective gloves made of: Rubber, neoprene or PVC.

EYE PROTECTION
Wear approved chemical safety goggles where eye exposure is reasonably probable.

9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPEARANCE</td>
<td>Liquid</td>
</tr>
<tr>
<td>COLOUR</td>
<td>Straw</td>
</tr>
<tr>
<td>ODOUR</td>
<td>Mild</td>
</tr>
<tr>
<td>SOLUBILITY</td>
<td>Soluble in water.</td>
</tr>
<tr>
<td>Relative Density</td>
<td>1.065±0.005 @25°C</td>
</tr>
</tbody>
</table>

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions.

MATERIALS TO AVOID
Strong acids.

11 TOXICOLOGICAL INFORMATION

MEDICAL SYMPTOMS
EYES AND MUCOUS MEMBRANES. Irritation of eyes and mucous membranes. SKIN. Skin irritation. DIGESTIVE SYSTEM. Gastrointestinal symptoms, including upset stomach.

12 ECOLOGICAL INFORMATION

ECOTOXICITY
Not regarded as dangerous for the environment.

13 DISPOSAL CONSIDERATIONS

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

14 TRANSPORT INFORMATION

GENERAL
The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

15 REGULATORY INFORMATION

LABELLING

Irritant
RISK PHRASES
R36/38 Irritating to eyes and skin.

SAFETY PHRASES
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37 Wear suitable gloves.
S35 This material and its container must be disposed of in a safe way.

DETERGENT LABELLING
< 5% Non-ionic surfactants
Disinfectants

UK REGULATORY REFERENCES

16 OTHER INFORMATION

GENERAL INFORMATION
Only trained personnel should use this material.

REVISION DATE 01/11/10

RISK PHRASES IN FULL
R34 Causes burns.
R22 Harmful if swallowed.
R21/22 Harmful in contact with skin and if swallowed.
R36/38 Irritating to eyes and skin.
R37 Irritating to respiratory system.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R50 Very toxic to aquatic organisms.

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.