

GLASS WASH DETERGENT

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

Product Name: GLASS WASH DETERGENT

Supplier: Gems Hygiene Supplies
The Business Centre
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Sheffield
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2. HAZARDS IDENTIFICATION

R34 Causes burns.
Classification C;R34

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	EINICS No.	CAS No.	Content	Classification
AMPHOTERIC SURFACTANT			1-5%	Xi;R36
SODIUM HYDROXIDE	215-185-5	1310-73-2	1-5%	C;R35

The Full text for all R-Phrases are displayed in Section 16

4. FIRST AID MEASURES

GENERAL INFORMATION	CAUTION! First Aid personnel must be aware of own risk of burns. Chemical burns must be dealt with immediately, do not delay.
INHALATION	Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.
INGESTION	DO NOT INDUCE VOMITING Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately!
SKIN CONTACT	Immediately remove contaminated clothing. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention immediately.
EYE CONTACT	Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA	This product is non combustible. Use fire-extinguishing media appropriate for surrounding materials. Use dry chemicals, sand dolomite etc Foam Water Spray.
SPECIAL FIRE FIGHTING PROCEDURES	Use water to keep fire exposed containers cool and disperse vapours.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Inform authorities if large amounts are involved.
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7. HANDLING AND STORAGE

USAGE PRECAUTIONS	Avoid spilling, skin and eye contact.
USAGE DESCRIPTION	Store separately from acids
STORAGE PRECAUTIONS	Controlled substance storage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

NAME	STD	TWA-8hrs	STEL -15 min	NOTES
SODIUM HYDROXIDE	WEL		2mg/m ³	
PROTECTIVE EQUIPMENT	Gloves, face shield			
PROCESS CONDITIONS	Use engineering controls to reduce air contamination to permissible exposure level.			
ENGINEERING MEASURES	Provide adequate general and local exhaust ventilation.			
RESPIRATORY EQUIPMENT	No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workspace Exposure Limit			
HAND PROTECTION	Use protective gloves.			
EYE PROTECTION	Wear full-face visor or shield			
OTHER PROTECTION	Wear suitable protective clothing as protection against splashing or contamination.			

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear, Liquid
COLOUR	colourless
ODOUR	Odourless
BOILING DENSITY	>100
RELATIVE DENSITY	1.08 -1.09 @ 20°C
pH- VALUE, CONC. SOLUTION	>13.0
SOLUBILITY	Soluble in water

10. STABILITY AND REACTIVITY

STABILITY	Stable under normal temperature conditions.
CONDITIONS TO AVOID	Avoid contact with acids
MATERIALS TO AVOID	Strong acids reacts strongly with light metals such as aluminium and zinc, producing hydrogen which is Highly Flammable.

11. TOXOLOGICAL INFORMATION

INHALATION	May cause damage to mucous membranes in nose, throat, lungs and bronchial system.
INGESTION	Causes burns. Harmful if swallowed.
SKIN CONTACT	Causes burns.
EYE CONTACT	Causes burns. Risk of serious damage to eyes.

12. ECOLOGICAL INFORMATION

ECOTOXICITY	Not classed as Hazardous to the Environment but release to the environment should be avoided.
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13. DISPOSAL CONSIDERATIONS

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



TRANSPORT LABELS	
UN NO. ROAD	1760
UK ROAD CLASS	8
UK ROAD PACK GR.	III
ADR CLASS NO	8
ADR PACK GROUP	III
ADR CLASS	Class 8: Corrosive substances
PROPER SHIPPING NAME	CORROSIVE LIQUID, NOS (Sodium hydroxide)
UN NO. SEA	1760
IMDG CLASS	8
IMDG PACK GR.	III
UN NO. AIR	1760
AIR CLASS	8

15. REGULATORY INFORMATION



LABELLING

CONTAINS

RISK PHRASES

SAFETY PHRASES

Corrosive (c)

SODIUM HYDROXIDE

R34 Causes burns.

S2 Keep out of reach of children, S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S27 Take off immediately all contaminated clothing. S28 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 label where possible).

DETERGENT LABELLING

<5% Anionic surfactants

<5% Amphoteric surfactants

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Classification and labelling of substances and preparations dangerous for supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

CHIP for everyone HSG (108)

16. OTHER INFORMATION

GENERAL INFORMATION

REVISION DATE

The following risk phrases relate to the raw material in the product and not the product itself

14/08/2009

REV. NO. / REPL. SDS GENERATED

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RISK PHRASES USED IN FULL

R35 Causes severe burns. R36 Irritating to eyes.