

BLAST

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

Product Name: BLAST	Supplier: Gems Hygiene Supplies The Business Centre 79 Leigh Street Sheffield S9 2PR	Tel: 0114 261 8187 Fax: 0114 261 1489 E: info@ghdirect.co.uk
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2. HAZARDS IDENTIFICATION

R35 Causes severe burns.

Classification C;R35

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	EINICS No.	CAS No.	Content	Classification
AMPHOTERIC SURFACTANT			1-5%	Xi R38, R41
Sodium alkylether sulphate		131500-00-0	1-5%	Xi;R38, R41
SODIUM HYDROXIDE	215-185-5	1310-73-2	10-30%	C;R35

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

4. FIRST AID MEASURES

GENERAL INFORMATION	Chemical burns must be dealt with immediately, do not delay. CAUTION! First Aid personnel must be aware of own risk of burns.
INHALATION	Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical 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 if any discomfort continues.
EYE CONTACT	Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. 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.
SPECIAL FIRE FIGHTING PROCEDURES	Use special protective clothing. Regular protection may not be safe.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into 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 separated from; Acids

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

NAME	STD	TWA-8hrs	STEL-15min	NOTES
SODIUM HYDROXIDE	WEL		2mg/m3	
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 Workplace Exposure Limit.
HAND PROTECTION	Use protective gloves. Rubber (natural, latex).
EYE PROTECTION	Use approved safety goggles or face shield.
OTHER PROTECTION	Wear suitable protective clothing as protection against splashing or contamination.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear, Liquid
COLOUR	Orange
ODOUR	Odourless
BOILING POINT	100
RELATIVE DENSITY	1.118-1.128 @ 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 severe burns. Harmful if swallowed.
SKIN CONTACT	Causes severe burns
EYE CONTACT	Causes severe 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	1824
UK ROAD CLASS	8
UK ROAD PACK GR.	II
ADR CLASS NO.	8
PROPER SHIPPING NAME	SODIUM HYDROXIDE SOLUTION
UN NO. SEA	1824
IMDG CLASS	8

15. REGULATORY INFORMATION

LABELLING

CONTAINS	CORROSIVE
RISK PHRASES	SODIUM HYDROXIDE
SAFETY PHRASES	R35 Causes severe burns. S1/2 Keep locked up and 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. 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)



UK REGULATORY REFERENCES
DETERGENT LABELLING

The Control of Substances Hazardous to Health Regulation 1988

<5% Amphoteric surfactants

<5% Anionic surfactants

STATUTORY INSTRUMENTS
APPROVED CODE OF PRACTICE
GUIDANCE NOTES

Chemicals (Hazard Information and Packaging) Regulations.

Classification and labelling of substances and preparations dangerous for supply.

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

CHIP for everyone HSG (108)

16. OTHER INFORMATION

GENERAL INFORMATION

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

REVISION DATE

26/02/2007

REV. NO. / REPL. SDS GENERATED

9

RISK PHRASES USED IN FULL

R35 Causes severe burns. R38 Irritating to skin. R41 Risk of serious damage to eyes. R38 Irritating to skin. R41 Risk of serious damage to eyes.