

## SAFETY DATA SHEET

## ALKALIENE® BLUE

Compiled in Accordance with EU and GB REACH and CLP Regulations.

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

PRODUCT NAME ALKALIENE® BLUE  
APPLICATION Detergent.  
SUPPLIER HYSOLV LTD  
Wells, Somerset  
Tel: +44 (0) 1749 599781  
Email: info@hysolv.com

MANUFACTURER ??

Emergency telephone +44 (0) 1865 407333  
National emergency telephone In case of a medical emergency following exposure to a chemical call NHS Direct  
in England  
number or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

**2 HAZARDS IDENTIFICATION**

Causes severe burns.  
CLASSIFICATION (1999/45) C with R35.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
SODIUM HYDROXIDE	215-185-5	1310-73-2	10-30%	C;R35
ALKYL POLYGLUCOSIDE	500-220-1	68515-73-1	1-5%	Xi;R41.

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

**4 FIRST-AID MEASURES**

## NOTES TO THE PHYSICIAN

Treat Symptomatically.

## INHALATION

Remove victim immediately from source of exposure. Keep the affected person warm and at rest. Get prompt medical attention.

## INGESTION

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#### INGESTION

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention immediately! SKIN CONTACT

Remove contaminated clothing. Important to remove the substance from the skin immediately. Wash skin thoroughly with soap and water for several minutes. Get medical attention if irritation persists after washing.

#### EYE CONTACT

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

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

#### SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Keep up-wind to avoid fumes. UNUSUAL FIRE & EXPLOSION HAZARDS  
Contact with aluminium and its alloys will yield hydrogen gas. Where this has occurred in an enclosed space a significant explosion hazard may exist.

#### SPECIFIC HAZARDS

Not known.

### 6 ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

WEL = Workplace Exposure Limit.

#### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits PROTECTIVE EQUIPMENT

Wear protective clothing as described in Section 8 of this safety data sheet. ENVIRONMENTAL PRECAUTIONS

Do not allow ANY environmental contamination. SPILL CLEAN UP METHODS

DO NOT TOUCH SPILLED MATERIAL! Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. STORAGE CLASS

Corrosive storage.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs	STEL - 15 Min	Notes
SODIUM HYDROXIDE	WEL		m3   2 mg/	



### PROCESS CONDITIONS

Provide eyewash, quick drench.

### ENGINEERING MEASURES

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of vapours. RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

### HAND PROTECTION

Use suitable protective gloves if risk of skin contact. EYE PROTECTION

If risk of splashing, wear safety goggles or face shield. OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact. HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Clear liquid.  
COLOUR Amber.  
ODOUR Characteristic.  
SOLUBILITY Soluble in water.  
RELATIVE DENSITY 1.112  
pH-VALUE, CONC. SOLUTION 14.0

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions. CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time. Avoid contact with acids. Avoid contact with aluminium and its alloys. MATERIALS TO AVOID

Avoid contact with aluminium and its alloys. HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 11 TOXICOLOGICAL INFORMATION

### INHALATION

May cause damage to mucous membranes in nose, throat, lungs and bronchial system. INGESTION

May cause burns in mucous membranes, throat, oesophagus and stomach. SKIN CONTACT

May cause serious chemical burns to the skin. EYE CONTACT

Causes burns.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Not regarded as dangerous for the environment.

### MOBILITY

The product is soluble in water. The product is miscible with water. May spread in water systems.

### BIOACCUMULATION

No data available on bioaccumulation. DEGRADABILITY

The product is biodegradable.

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

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

## 14 TRANSPORT INFORMATION

PROPER SHIPPING NAME CORROSIVE LIQUID, N.O.S. (Contains Sodium Hydroxide)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT

UN NO. ROAD

ADR CLASS NO. ADR PACK GROUP

TUNNEL RESTRICTION CODE UN NO. SEA

UN NO. AIR

No.	(E)
1760	1760
8	1760
1	
1	

## 15 REGULATORY INFORMATION

LABELLING



Corrosive

CONTAINS SODIUM HYDROXIDE