

MATERIAL SAFETY DATA SHEET

Section 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

COMPANY Delshine Chemicals
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BRAND NAME – SEAL STRIP
TRADE NAME - SEAL STRIP

SHIPPING NAME (section 14) CAUSTIC ALKALI LIQUID N.O.S
USE – STRIPPER FOR WATER BASED METAL LINKED FLOOR SEALERS AND POLISH'S

RESTRICTIONS – KEEP AWAY FROM ACIDS

Section 2 HAZARDS CLASSIFICATION / IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF NOHSC AND CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO THE ADG CODE.

UN NUMBER : 1719

Emergency Overview – Corrosive . Causes burns to skin, eyes respiratory tract and gastrointestinal tract. May be fatal if swallowed. Harmful if inhaled.

Inhalation – Respiratory tract irritant, may cause serious burns on acute contact.

Ingestion – Corrosive to mucous membranes and may cause perforation of the oesophagus and stomach. Abdominal pain, nausea vomiting, general gastro intestinal upset can be expected.

Skin Contact - Irritant possibly corrosive if contact is prolonged. Soreness , redness , destruction of skin may result.

Eye Contact – Irritant possibly corrosive to eye tissues. Tearing , redness, pain , impaired vision are symptoms.

Chronic Exposure – Development of a defatting dermatitis on prolonged exposure may occur.

Aggravation of Pre existing Conditions – Persons with pre existing skin disorders or eye problems or impaired kidney or respiratory function may be more susceptible to the effects of the substance.

SECTION 2 CONTINUED HAZARDS CLASSIFICATION / IDENTIFICATION

Risk Phases – R34 Causes burns
Safety Phases – 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
S37/39 Wear suitable gloves and eye/face protection
S45 In case of accident or if you feel unwell seek medical advice immediately
(Show label whenever possible)

Section 3 COMPOSITION / INFORMATION OF INGREDIENTS

Chemical Entity:	CAS No:	Proportion (% mass)
Potassium Hydroxide	1310 – 58 – 3	<10
Sodium Metasilicate Penta Hydrate	10213 - 79 – 3	<10
2-Butoxy Ethanol	111-76-2	<10

Section 4 FIRST AID MEASURES

First Aid procedures given apply to concentrated solutions. Exposures to diluted solutions may not require these extensive first aid procedures.

Inhalation – Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Call a physician

Ingestion – DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Call a physician immediately.

Skin Contact – In case of contact , immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before re use. Call a physician immediately.

Eye Contact – Immediately flush eyes with plenty of water for at least 15 minutes, lifting the lower and upper eyelids occasionally. Get medical attention immediately.

First Aid Facilities: Ensure an eye bath and safety shower are available and ready for use.

Section 5 FIRE FIGHTING MEASURES

Fire – not considered to be a fire hazard.

Explosion – Not considered to be an explosion hazard.

Fire Extinguishing Media – Use any means suitable for extinguishing surrounding fire.

Section 6 ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Contain and recover liquid where possible. Collect liquid in an appropriate container or absorb with an inert material.(Eg Vermiculite , dry sand, earth) and place in a chemical waste container. Do not flush to sewer.

Section 7 HANDLING AND STORAGE

Keep in a tightly closed container. Store in a cool dry ventilated area. Protect against physical damage. Separate from acids.

Section 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

NOHSC Exposure Standards – None established for the product. Ingredients :

Potassium Hydroxide { 1310 -58 -3 } TWA 2mg/m³ : STEL – peak limitation.

2 – Butoxyethanol : TWA 25 ppm (121 mg/m³) , Skin sensitizer. OSHA Permissible Exposure Limits (PEL) 50 ppm skin – ACGIH Threshold Limit Value (TLV) 25 ppm (TWA) skin.

Ventilation System – A system of local and or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred.

Personal Respirators – (AS/NZS 1715 / 1716 Approved) Not expected to require personal respirator usage. If the exposure limit is exceeded an engineering controls are not feasible a respirator with organic vapour filter is recommended.

Skin Protection – Rubber gloves , lab coat and apron or coveralls.

Eye Protection – Use chemical safety goggles and / or face shield where splashing is possible. Maintain eye wash fountain and quick drench facilities in work area.

Section 9 PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE Clear

ODOUR Slight Solvent Odour

PH 13.5

VAPOUR PRESSURE not available

BOILING POINT °C 100

VAPOUR DENSITY not available

FREEZING POINT °C not available

SOLUBILITY Missible

SPECIFIC GRAVITY not available

ADDITIONAL INFORMATION

Section 10 STABILITY & REACTIVITY

Stability – Stable under ordinary conditions of use and storage.

Hazardous Decomposition – Oxides of carbon and nitrogen.

Hazardous Polymerization – Will not occur.

Incompatibilities – Acids

Conditions to Avoid – Incompatibles.

Section 11 TOXICOLOGICAL INFORMATION

Potassium Hydroxide – Oral rat LD50 : 273 mg/kg : Investigated as a mutagen. Skin Irritation Data (std Draize 50 mg/24H) Human Severe : Rabbit Severe. Eye Irritation Data (Rabbit , non std test , 1mg / 24 H Rinse) Moderate . Not an NTP carcinogen. IARC category : none.
2 Butoxyethanol : Oral rat LD50 : 470 mg/kg Inhalation rat LC50 : 450 ppm/4H Skin rabbit LD50 220mg/kg investigated as a tumorigen , mutagen, reproductive effector.

Section 12 ECOLOGICAL INFORMATION

Environmental Fate – No information found.
Environmental Toxicity – Potassium Hydroxide : TLm :80 ppm / Mosquito fish/24 hr / Fresh water.
2 Butoxyethanol : The LC50/96-hour values for fish are over 100 mg/l. This material is not expected to be toxic to aquatic life.

Section 13 DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or re cycling should be managed in an appropriate and approved waster facility.

Section 14 TRANSPORT INFORMATION

UN NUMBER : 1719
UN PROPER SHIPPING NAME : Caustic Alkali Liquid N.O.S
CLASS: 8 PACKING GROUP: 111 HAZCHEM CODE: 2 R
SUB RISK : Not Applicable

Section 15 REGULATORY INFORMATION

Nohsc (WORKSAFE) Labelling : C Corrosive : R34 Causes 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, S37/39 Wear suitable gloves and eye/face protection, S45 In case of accident or you feel unwell seek medical advice immediately (show label whenever possible).
SUSDP Labelling – Poisons Schedule S6 (Requires a child proof lid all volumes)
Safety Directions – Corrosive , May produce severe burns. Attacks skin and eyes. Wear eye protection when mixing or using. Do not mix with hot water.
First Aid Instructions – For advice contact a Poisons Information Centre on 131 126 or a doctor (at once) . If swallowed Do Not induce vomiting . If in eyes hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre of a doctor or for at least 15 minutes. If skin or hair contact occurs remove contaminated clothing and flush skin and hair with running water.

Section 16

OTHER INFORMATION

**DATE OF LAST REVISION OF MATERIAL SAFETY DATA SHEET :
25th March 2016**

CONTACT POINT – Les Buss – TELEPHONE (08) 9309 4222

AUTHORISATION FOR ISSUE

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DATE

Les Buss

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