

# 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

## 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/m<sup>3</sup> : STEL – peak limitation.

2 – Butoxyethanol : TWA 25 ppm ( 121 mg/m<sup>3</sup> ) , 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 mh/kg Inhalation rat LC50 : 450 ppm/4H Skin rabbit LD50 220mh/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/1. 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 and skin and hair with running water.

**Section 16**

**OTHER INFORMATION**

**DATE OF LAST REVISION OF MATERIAL SAFETY DATA SHEET :**

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

**AUTHORISATION FOR ISSUE**

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**DATE**

**Les Buss**

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