

MATERIAL SAFETY DATA SHEET

CLASSIFICATION OF MATERIAL:

Hazardous under Worksafe Australia Guidelines

COMPANY DETAILS

COMPANY	Delshine Chemicals
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IDENTIFICATION

Product Name: Alkalie

Other Names: Not applicable

UN Number: 1760

Hazchem Code: 2R Packaging Group: 11

Dangerous Goods Class: 8

Sub Risk: Not applicable

Poisons Schedule: S6

Use: For laundry use via a dispensing system.

PHYSICAL DESCRIPTION / PROPERTIES

Appearance: Clear liquid with slight pungent odour.

Boiling Point (°C): 140 Melting Point: 12

Specific Gravity Kg/Lt: 1.48

Vapour Pressure
(Pa or mm of Hg at 25°C): No data

Flashpoint (°C): Non flammable

Physical Description/Properties cont.

Flammability Limits (%): Non flammable

Solubility in Water (g/L): Complete PH: 12.7

Other properties: Not applicable

INGREDIENTS

Chemical Entity:	CAS No:	Proportion (% mass)
Sodium Hydroxide	1310-73-2	> 60%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Swallowed: Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain, swelling of the larynx and subsequent suffocation, perforation of gastric intestinal tract, cardiovascular collapse and coma.

Eye: Contact with eyes can cause corneal burns, can result in permanent injury. Corrosive to eyes.

Skin: Contact with skin can cause severe burns, corrosive to skin. Skin contact often does not cause pain.

Inhaled: Inhalation of mists will result in respiratory irritation and possible harmful corrosive effects including lesions of the nasal spectrum, pulmonary oedema, pneumonitis and emphysema.

Chronic: Chronic effects are unlikely due to severity of acute effects.

FIRST AID

Swallowed: Immediately rinse mouth with water, give water to drink, DO NOT induce vomiting, seek medical advice immediately.

Eye: Hold eyelids open and irrigate with copious amounts of water for at least 15 minutes, seek urgent medical advice.

Skin: Wash skin immediately with plenty of water, if swelling, redness or blistering occurs seek medical advice,

First Aid Cont.

Inhaled: Remove victim to fresh air, loosen clothing and make comfortable keep at rest until fully recovered, arrange for patient to be seen by a doctor as soon as possible.

Advice to Doctor: Treat symptomatically.

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

PRECAUTIONS FOR USE

Exposure Standards

MATERIAL

TWA

STEL

No value assigned for this specific material by Worksafe Australia, however exposure standard for constituent Sodium Hydroxide 2mg/m³ peak limitation.

Engineering Controls:

Maintain air concentrations below recommended exposure standards, avoid generating and inhaling mists, keep containers closed when not in use.

PERSONAL PROTECTION

Eye: Goggles/face shield.

Hand: PVC gloves.

Respirator Type: Use with adequate ventilation.

Protective Clothing: Overalls.

SAFE HANDLING INFORMATION

Storage: Store in cool, dry, well ventilated area. Reseal container after use.

Transport: Transport in accordance with ADG code on Class 8 materials.

Incompatibilities: Corrosive to aluminium, zinc and tin liberating flammable hydrogen gas, reacts violently with acids, reacts with ammonium salts liberating ammonia gas.

Spills: Dam spill, cover with absorbent such as earth or sand. Sweep up and collect into sealable containers for disposal. Flush excess away with plenty of water.

Disposal: Refer to State land waste management empty containers must be decontaminated.

Safe Handling Information cont.

Flammability: Non flammable, however reaction with some metals will produce flammable hydrogen gas, which will burn if ignited.

Fire/Explosion Hazard: Not applicable.

Acceptable Extinguishing Methods: Water Fog, Foam, Dry agent (carbon dioxide, dry chemical powder).

OTHER INFORMATION

Hazard Classification

C Corrosive

Risk Phrases

R35 Causes severe burns.

R41 Risk of serious damage to eyes.

Safety Phrases

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.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection

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

AUTHORISATION FOR ISSUE _____

Les Buss

DATE _____

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