

MATERIAL SAFETY DATA SHEET

Section 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

COMPANY	Delshine Chemicals
ABN NUMBER	78-805-588-343
ADDRESS	Unit 1 / 30 Prindiville Drive, Wangara
TELEPHONE NUMBER	(08) 9309 4222
EMERGENCY TELEPHONE	041 992 7281 (After hours)
EMAIL	delshine-chemicals@bigpond.com
WEB SITE	www.delshinechemicals.com
BRAND NAME	Buffer
TRADE NAME	Buffer
SHIPPING NAME (section 14)	Sodium Bicarbonate
USE	Increases Alkalinity in Water

Section 2 HAZARDS CLASSIFICATION / IDENTIFICATION

Not classified as hazardous according to the criteria of NOHSC nor classified as a dangerous good according to the ADG code.

Emergency Overview – Product is not classified as hazardous. May cause transient irritation of skin and eyes.

Health Effects Acute – No data

Swallowed – Ingestion may cause mild irritation of the mouth and throat.

Eye – May be irritating to the eye on contact.

Skin – Not irritating . Repeated exposure may cause dermatitis like effect.

Chronic – No data

Risk Phrases – Not applicable

Safety Phrases – S1/2 keep locked up and out of reach of children

Section 3 COMPOSITION / INFORMATION OF INGREDIENTS

Chemical Entity	CAS No	Proportion Mass %
Sodium Bicarbonate	144-55-8	>99

Section 4 FIRST AID MEASURES

Swallowed – Don not induce vomiting. Rinse mouth with running water and give fresh water to drink. Seek medical advice.

Eye – Hold affected eye open and flush with running water for at least 15 minutes. If irritation persists seek medical advice.

Skin – Remove contaminated clothing and flush area well with water.

Inhaled – Remove patient to fresh air and keep warm and rested.

Advice to doctor – Treat symptomatically

Section 5 FIRE FIGHTING MEASURES

Flammability – Not flammable

Fire Explosion / Hazard – No data

Acceptable Extinguishing Media – Water , foam , dry chemical and co2

Section 6 ACCIDENTAL RELEASE MEASURES

Spills – Contain large spills and prevent from entering drains or water courses. Absorb with inert materials such as sand or vermiculite. Collect in clean labeled containers for disposal . Small spills and residues may be flush to drain with excess water.

Section 7 HANDLING AND STORAGE

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

Section 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

An exposure standard has not been established for this product . However the following is recommended for nuisance dust. Dust not otherwise classified . TWA 10mg/m³ (as inspirable dust)

Personal Protection – Wear overalls safety glasses (preferably wrap around style) and use leather or impervious (rubber) gloves with solutions. If dust levels are high (>10mg/m³) an approved respirator meeting AS1716 should be provided. Heavily contaminated clothing should be removed and laundered before reuse. Protective equipment should be washed before storage and reuse. Avoid wearing contact lenses. Always wash hands before eating, drinking , smoking or using the toilet. Avoid combined exposure to lime dust and sodium bicarbonate as caustic soda may be formed on the skin.

Section 9 PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE White Powder

PH 8.4

BOILING POINT °C <no data

FREEZING POINT °C No data

SPECIFIC GRAVITY 2.1

ADDITIONAL INFORMATION

ODOUR Slight

VAPOUR PRESSURE No data

VAPOUR DENSITY No data

SOLUBILITY 96g/l (25°C)

Section 10 STABILITY & REACTIVITY

Incompatibilities – Avoid contact with oxidizing agents or strong acids

Section 11 TOXICOLOGICAL INFORMATION

Oral LD50=4220mg/kg RAT Dermal LD50=Not available inhalation LC50= Not available

Section 12 ECOLOGICAL INFORMATION

No data

Section 13 DISPOSAL CONSIDERATIONS

Disposal Refer to Local and State Trade Waste regulations.

Section 14 TRANSPORT INFORMATION

Australian Dangerous Goods Transport – Not regulated for transport

Section 15 REGULATORY INFORMATION

Australian Inventory of Chemical Substance All ingredience presents on AICS
NOHSC labeling – Not a hazardous substance SUPSP Labelling – not a scheduled poison.

Section 16 OTHER INFORMATION

DATE OF LAST REVISION OF MATERIAL SAFETY DATA SHEET : 23rd April 2016

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

AUTHORISATION FOR ISSUE

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DATE

Les Buss

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