

MATERIAL SAFETY DATA SHEET

Section 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

COMPANY	Delshine Chemicals
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BRAND NAME-	ECO LAUNDRY POWDER
TRADE NAME-	ECO LAUNDRY POWDER
SHIPPING NAME (section 14)	SODIUM CARBONATE LIGHT
USE	POWDERED LAUNDRY DETERGENT

Section 2 HAZARDS CLASSIFICATION / IDENTIFICATION

CLASSIFIED AS : HAZARDOUS According to the criteria of NOHSC

But not classified as a dangerous good according to the ADG code.

UN NUMBER None

Emergency Overview : May cause eye burns. Harmful if swallowed or inhaled. Causes irritation to skin and respiratory tract.

SUSDP Poisons Schedule : 5 (Alkaline Salts)

Hazard : Xi Irritant :R36

Health Effects – Acute

Swallowed : May cause severe gastrointestinal tract irritation with nausea , vomiting and possible burns.

Eye : Contact with eyes may cause severe irritation and possible eye burns.

Skin : Contact with skin causes irritation and possible burns,. Especially if the skin is wet or moist.

Inhaled : May cause irritation of the respiratory tract with burning pain in the nose and throat, coughing wheezing shortness of breath and pulmonary oedema.

Health Effects : Chronic inhalation and ingestion may cause effects similar to those of acute inhalation and ingestion.

Risk Phases R36 Irritating to eyes.

Safety Phases S1/2 Keep locked up and out of reach of children.

 S22 Do not breath dust

 S 26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice.

Section 3 COMPOSITION / INFORMATION OF INGREDIENTS**Chemical Entity:**

Sodium Carbonate

CAS No:

497-19-8

Proportion (% mass)

>60

Section 4 FIRST AID MEASURES

Swallowed : DO NOT induce vomiting give large quantities of water or milk. Never give anything by mouth to an unconscious person. Seek medical attention immediately.

Eye : Flush eyes with water for at least 15 minutes , occasionally lifting the upper and lower eye lids. Seek medical attention immediately.

Skin : Seek medical attention immediately. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.

Inhaled : Remove from exposure to fresh air immediately . If not breathing give artificial respiration. If breathing is difficult give oxygen. Seek medical attention.

Advice to Doctor : Medical conditions aggravated by exposure : asthma , skin & lung disease. Treat symptomatically based on judgment of doctor and individual reactions of patient.

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

Section 5 FIRE FIGHTING MEASURES

Flammability : Non Combustible

Fire / Explosion : Stable under normal conditions. Incompatible with strong acids.

Extinguishing Media : Fire fighters should wear full protective clothing including self contained breathing apparatus . Material is non-combustible. Use equipment / media appropriate to surrounding fire conditions.

HAZCHEM CODE : Not Applicable

Section 6 ACCIDENTAL RELEASE MEASURES

Spills : Clean up personnel should wear full protective clothing including breathing apparatus in dusty conditions. Prevent materials from entering water ways drains or sewers. Sinks and mixes with water. Sweep scoop or vacuum up spilled material. Reuse if possible . Flush area with water and neutralize with diluted acid.

Section 7 HANDLING AND STORAGE

Store in dry conditions in a cool dry area away from heat , sparks and flame.

Can be stored in carbon steel or stainless steel.

Section 8**EXPOSURE CONTROLS / PERSONAL PROTECTION**

Exposure Standards : An exposure limit for this material has not been established by Work Safe Australia, although a ceiling limit of 2mg/m³ respirable dust is recommended by the manufacturer
Engineering Controls : Use adequate ventilation to keep airborne concentration low.

Personal Protection : Use AS 1715 / 1716 approved dust respirator where dust occurs. Wear rubber gloves , chemical goggles or face shield and other protective clothing to minimize exposure. Do not get in eyes on skin or on clothing. Do not breathe dust . Wash hands and face thoroughly after handling and before work breaks, eating , drinking , smoking or using toilet facilities.

Section 9**PHYSICAL & CHEMICAL PROPERTIES**

APPEARANCE white powder

ODOUR odourless

PH 11-12 (1% solution)

VAPOUR PRESSURE not available

BOILING POINT °C not available

VAPOUR DENSITY not available

FREEZING POINT °C not available

SOLUBILITY 220g/L (20°C)

SPECIFIC GRAVITY 2.53

ADDITIONAL INFORMATION**Section 10****STABILITY & REACTIVITY**

Stable under normal conditions. Reactive to acids.

Hazardous polymerization : will not occur

Section 11**TOXICOLOGICAL INFORMATION**

Toxicity Data : **Sodium Carbonate** : Oral rat LD50:4090 mg/kg:inhalation rat LC50:2300mg/m³/2H: irritation eye rabbit: 50mg severe investigation as mutagen reproductive effector.

Section 12**ECOLOGICAL INFORMATION**

High pH. Alkalinity of undiluted or unneutralized material (pH>8.5) is harmful to aquatic life.

Section 13**DISPOSAL CONSIDERATIONS**

Disposal : Dispose of in accordance with all Local State and Federal regulations at an approved waste disposal facility. Product can be neutralized with diluted acid.

Section 14	TRANSPORT INFORMATION
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UN NUMBER Not applicable
UN PROPER SHIPPING NAME : Sodium Carbonate Light

CLASS: Not applicable PACKING GROUP: not applicable HAZCHEM CODE: not applicable

Section 15	REGULATORY INFORMATION
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Chemical Inventory Status : all ingredients are listed in the AICS
NOHSC Work safe Labelling Xi Irritant. Risk Phrases R36 Irritating to eyes.
Safety Phases S1/2 Keep locked up and out of reach of children. S22 Do not breathe dust, S26 IN case of contact with eyes rinse immediately with plenty of water.

Section 16	OTHER INFORMATION
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DATE OF LAST REVISION OF MATERIAL SAFETY DATA SHEET
12th September 2008

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AUTHORISATION FOR ISSUE	_____	DATE
____/____/____	Les Buss	

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