

SAFETY DATA SHEET

1. Product and Company Identification

Company Name: Sierra Aust Pty Ltd
 17 Delta Street, Geebung
 Queensland 4034
sales@sierrachem.com.au

Emergency Contact: Sierra (07) 3216 5099 Poisons Information Centre 13 11 26

Ph (07) 3216 5099
 Fx (07) 3216 5199

Product Name: **All Suds Laundry Powder**
Product Code: 2030
Intended Use: Cleaning Agent
Chemical Nature: Mixture – Dry Powder

2. Hazards Identification

Hazardous Chemical according to classification by Safe Work Australia

Non-Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail

GHS Classification: Serious Eye Damage/Irritation Category 1
 Specific Target Organ Toxicity (single exposure) Category 3



GHS Signal Word: **DANGER**

Hazard Statement: H318 Causes serious eye damage
 H335 May cause respiratory irritation

Precautionary Statements:

General: P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P103 Read label before use.

Preventative: P271 Use only outdoors or in a well ventilated area
 P261 Avoid breathing dust
 P280 Wear protective gloves/protective clothing/eye protection/face protection

Response: P304 + P340 If INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTRE or doctor/physician
 P312 Call a POISON CENTRE or doctor/physician if you feel unwell

Storage: P405 Store locked up

Disposal: P501 Dispose of contents/container in accordance with local regulations.

3. Composition / Information on Ingredients

Ingredients Names and Proportions

Chemical Entity	Cas Number	Proportion(%)
Sodium Carbonate	497-19-8	>50
Ingredients deemed to be non hazardous		balance

4. First aid Measures

If Inhaled:	remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
In case of skin contact:	If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available. If symptoms occur, transport to the nearest medical facility.
In case of eye contact:	If in eyes, hold eyes open, flood with water for at least 15 minutes. Seek immediate medical attention.
If Ingested:	If swallowed, do NOT induce vomiting. Give a cupful of water. Never give anything by mouth to an unconscious person. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

Medical attention and special treatment

Treat symptomatically

5. Fire Fighting Measures

Suitable Extinguishing Media:	Foam, water spray or fog, dry chemical powder or carbon dioxide.
Flammability Conditions:	Non combustible material. Decomposes on heating emitting toxic fumes
Special protective equipment for fire fighters:	Wear full protective clothing and self contained breathing apparatus.

6. Accidental Release Measures

Personal Precautions:	Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel.
Environmental Precautions:	Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers.
Methods of cleanup:	Contain and sweep/shovel up spills with dust binding material or use an industrial vacuum cleaner. Transfer to a suitable corrosion resistant container and dispose of promptly.

7. Handling and Storage

Precautions for safe handling:	Avoid breathing in dust. Handle and open containers with care in a well-ventilated area. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas.
Conditions for safe storage:	Store in a well ventilated area, away from sunlight, ignition sources and other sources of heat.

8. Exposure Controls and Personal Protection

Exposure Control Measures:	No value assigned for this specific material by Safe Work Australia. However, Workplace Exposure Standards for particulates; Dusts not otherwise classified: 8hr TWA = 10 mg/m ³ As published by Safe Work Australia Workplace Exposure Standards for Airborne Contaminants
Biological Monitoring:	No biological limit allocated.
Engineering Controls:	Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling dust. Keep containers closed when not in use.
Individual Protection Measures:	
Eye and face protection:	Wear safety goggles.

Skin protection: Use PVC gloves.
 Respiratory protection: If work practices do not maintain airborne levels below the exposure standard, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter.
 Thermal Hazards: Not applicable.

9. Physical and Chemical Properties

Appearance:	Pale Blue Powder	Density (g/ml@15°C):	data not available
Odour:	Pleasant	Solubility (g/l):	miscible with water
Initial Boil point range:	n/a	Auto ignition temp (°C)	data not available
Flash point:	n/a	Vapour Density:	data not available
Flammability:	Non flammable	(air=1 @ 15°C)	
Vapour pressure:	n/a	Upper/lower flammability:	data not available
(mbar@20°C)		or explosive limits (%)	

10. Stability and Reactivity

Reactivity: Stable under normal conditions of use
Chemical Stability: Stable under normal conditions of use
Possible Hazardous reactions: Stable under normal conditions of use
Conditions to avoid: Avoid exposure to moisture
Incompatible materials: Strong oxidizing agents, reducing agents, acids, alkalis
Hazardous Decomposition products: Burning can produce oxides of phosphorous.

11. Toxicological Information

Acute toxicity:	Sodium Carbonate: LD50 Oral (rat)= 4090 mg/kg
Skin corrosion/irritation:	Prolonged or repeated contact may cause mild irritation.
Serious eye damage/irritation:	Irritant. May cause pain, redness, discomfort.
Germ cell mutagenicity:	Not mutagenic.
Carcinogenicity:	Not expected to be carcinogenic
Reproductive toxicity:	Not expected to impair fertility.
Specific Target Organ Toxicity (STOT) – single exposure:	No data available
Specific Target Organ Toxicity (STOT) – repeated exposure:	No data available
Aspiration hazard:	Dust corrosive to respiratory tract

12. Ecological Information

Ecotoxicity

Acute toxicity:

Fish –	LC50 (P. promelas) = 400 mg/L
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Aquatic invertebrate –	Data not available
Algae –	Data not available
Microorganisms –	Data not available

Chronic toxicity:

Fish –	Data not available
Aquatic invertebrate –	Data not available
Algae –	Data not available
Microorganisms –	Data not available

Persistence and degradability

Not biodegradable.

Bioaccumulative potential

No data available

Mobility in soil

Miscible with water, If product enters soil, it will be mobile and may contaminate groundwater.

13 Disposal Considerations

Ensure waste disposal conforms to local waste disposal regulations.

14. Transport Information

Road and Rail Transport

Not classified as Dangerous good by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS

Marine Transport

Not classified as Dangerous good by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS

Air Transport

Not classified as Dangerous good by the criteria of the International Air Transport Association (IATA Code) Dangerous Goods Regulations for transport by Air; NON-DANGEROUS GOODS

15. Regulatory Information

General Information:	No data available
Poisons Schedule:	5
Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76):	Not applicable

16. Other Information

This SDS contains only safety related information. For other information see product literature.

Every endeavor has been made to ensure that the information contained in this publication is reliable and offered in good faith. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. Customers are encouraged to conduct their own tests as end user suitability of the product for particular uses is beyond our control. The information is not intended as an inducement to bargain and no warranty expressed or implied is made as to its accuracy, reliability or completeness. Sierra (Aust) Pty Ltd accepts no liability for loss, injury or damage arising from reliance upon the information contained in this data sheet except in conjunction with the proper use of the product to which it refers. Due care should be taken that the use and disposal of this product is in compliance with appropriate Federal, State and Local Government regulations.