



Date of Issue: 24 September 2016

Polar

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name	Polar Laundry Powder
Code	50407
Product Use	Low temperature laundry detergent powder
Company Name	Dominant (Australia) Pty Ltd
Address	12 Coglin Street, Brompton SA 5007, Australia
Telephone	1300 789 852 or +61 (8) 8245 6900
Facsimile	+ 61 (8) 8340 1626
Emergency Phone	13 11 26

2. HAZARDS IDENTIFICATION

GHS Classification	Eye Irritation 2 Skin Irritation 2
Signal Word	WARNING
Hazard Statements	Causes serious eye irritation Causes skin irritation
Precautionary Statements	Keep out of reach of children. Read label before use. Wash skin thoroughly after handling. Wear eye protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Dispose of contents/container in accordance with state regulations
Pictograms	



3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Sodium carbonate	497-19-8	30 – 60%
	Sodium silicate	1344-09-8	10 – 30%
	Alcohol ethoxylates	Blend	1 - 10%
	Enzymes	Not Required	< 1%
	Ingredients determined not to be hazardous		Balance

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Product name: Polar**4. FIRST AID MEASURES**

Ingestion	If swallowed do NOT induce vomiting. Immediately wash out mouth with water. Seek medical attention if irritation persists
Eye	If in eyes, hold eye lids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek medical attention.
Skin	If skin contact occurs, remove contaminated clothing and flush skin with running water. Seek medical attention if irritation persists.
Inhaled	Not normally a problem due to method of use and non volatile nature of product. However if breathing is affected, remove victim to fresh air and keep in a position comfortable for breathing. If problem persists seek medical attention.
First Aid Facilities	An eye wash and general washing facility should be available adjacent to the work area.
Advice to Doctor	Treat symptomatically. For advice contact a Poisons Information Centre. (Phone Australia 13 11 26; New Zealand 0800 764 766)

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use appropriate extinguishing media to suit surrounding area
Hazards from Combustion	Material does not burn.
Precautions for Fire Fighters	Wear chemical splash suit and SCBA
Hazchem	Not required

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Keep unauthorised people away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Clean Up	Spills will be slippery so treat promptly. For minor spills mop up and rinse with water. For larger spills absorb material on mineral absorbent material or absorbent pads. Collect and put into plastic bags or containers and dispose of through waste disposal contractor. Rinse area with water.

7. HANDLING AND STORAGE

Handling	Wear appropriate protective clothing to prevent skin and eye contact. Use in well ventilated area. Maintain a high standard of personal hygiene. Wash hands immediately after using product.
Storage	Store in a cool, dry, well ventilated place out of direct sunlight. Store in closed containers. Store away from incompatible materials such as strong acids.

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Exposure Standards	None listed for product. However exposure standards for dust not otherwise specified is 10mg/m ³
Engineering Controls	Ensure ventilation is adequate to maintain air concentrations below exposure standards. Avoid generating and breathing in dust.
Personal Protective Equipment	Wear gloves and safety goggles if handling large quantities. If dust exists wear dust mask / respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Powder with fresh laundry fragrance
Solubility in Water	Soluble in all proportions
pH	11.1 (1% solution)
Flash Point	Not flammable
Melting Point	Not available
Boiling Point	Not available
Specific Gravity	0.8

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Hazardous Polymerisation	Will not occur
Conditions to Avoid	Moisture
Incompatible Materials	Do not mix with strong acids, reacts liberating carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Ingestion	Swallowing can result in nausea, vomiting, diarrhoea and abdominal pain. Can cause irritation to the mouth, oesophagus and gastrointestinal tract.
Eye	The product is irritating to eyes, but should not cause any long term damage if rinsed out promptly and thoroughly.
Skin	Contact with skin may result in irritation, redness and itching.
Inhalation	Dust generated may cause irritation to the mucous membranes and upper respiratory tract.
Chronic Effects	Prolonged or repeated exposure to this product may result in skin irritation and possibly result in dermatitis.
Toxicological Data	Not available for Polar. However for sodium carbonate Oral LD 50 : 4090mg/kg (rat) Skin 500mg/24H: mild (rabbit) Eye 100mg/24H: Moderate (rabbit) (Reference: Dangerous Properties of Industrial Materials 7 th Edition).

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12. ECOLOGICAL INFORMATION

Ecotoxicity No information available. Avoid contaminating waterways.
All surfactants are classified as biodegradable.

13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Dispose of material through licensed waste contractor. Assure conformity with all applicable regulations.

14. TRANSPORT INFORMATION

UN No.	None allocated
Proper Shipping Name	None allocated
Hazchem Code	None allocated
Class	None allocated
Packing Group	None allocated

15. REGULATORY INFORMATION

Classification Poisons Schedule: Not classified as a schedule poison according to the Poisons Standard March 2016

Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

16. OTHER INFORMATION

Contact Point Dominant Australia. Phone 08 8245 6900
24 hour medical emergency 13 11 26

Date of preparation 24th September 2016