

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

- Product name: **ORBIT**
- Product Code: None allocated
- Other names: None allocated
- Recommended use: AUTOMATIC DISHWASHER POWDER
- Supplier name: Blandeen Pty Ltd
- Supplier address: Po Box 274 Kilcoy QLD 4515
- Supplier telephone number: 0411 884 942
- Emergency number: POISONS INFORMATION CENTRE 131126 or Distributor 0755314890
- Distributor name: DUNCKERS
- Distributor address: 3A Whalley Creek Close Nambour QLD 4560
- Distributor telephone number: 07 54413390
- Distributor fax number: 07 54412630

## SECTION 2 - HAZARD IDENTIFICATION

Hazard Classification: Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).  
Classified as Dangerous goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Hazard Categories: Acute Toxicity (Oral) – Category 4  
Eye Damage Irritation – Category 1  
Skin Corrosion/Irritation – Category 1B

Signal Word: Danger

Pictograms:



Hazard Statements: H302 Harmful if swallowed.  
H314 Causes severe burns and eye damage.  
H335 May cause respiratory irritation.

Precautionary Statements:

Prevention	P260 Do not breathe dust or mists. P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use in a well-ventilated area. P280 Wear protective gloves/ protective clothing/eye protection/ face protection.	
Response	P310 Immediately call a POISON CENTRE or doctor/physician. P301+P330+P331 If SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 If on SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. P363 Wash contaminated clothing before re-use.	
Storage	P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up.	
Disposal	P5501 Dispose of contents/container to an approved waste disposal plant.	

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredients	CAS Number	Proportion
SODIUM METASILICATE	10213-79-3	30-60%
SODIUM CARBONATE	497-19-8	30-60%
SODIUM HYDROXIDE	1310-73-2	<10%
SODIUM DICHLOROISOCYANURATE	2893-78-9	<5%
Ingredients determined to be non-hazardous	Various	To 100%

**SECTION 4 - FIRST AID MEASURES**

If poisoning occurs contact a Doctor immediately or the Poisons Information Centre on 131126.

- First Aid Facilities: Normal washroom facilities / Eye wash station / Safety shower
- Eye Contact: Rinse eyes immediately (including under eye lids) for at least 20 minutes with running water while holding eyelids open.. Seek medical advice immediately.
- Skin Contact: Remove all contaminated clothing and footwear. Wash the skin with plenty of water and mild detergent for at least 20 minutes. Seek medical advice immediately. Fully launder clothes before re-use.
- Ingestion: DO NOT INDUCE VOMITING. Seek medical advice immediately. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth with water. Give water to drink. If vomiting occurs, give further water to dilute.
- Inhalation: Remove to fresh air. Seek medical advice immediately. If not breathing provide artificial respiration.
- Advice to Doctor: Treat symptomatically. All treatments should be based on observation and symptoms of distress.

**SECTION 5 - FIRE FIGHTING MEASURES**

- Extinguishing Media: Not flammable. Foam, dry chemical or fine water spray.
- Hazards from Combustion Products: Solid. Not combustible. Will emit toxic fumes.
- Fire Fighters: Fire fighters to wear full protective clothing and self-contained breathing apparatus. Move upwind of fire. Keep containers that are exposed to heat cool with water spray.
- Hazchem Code: None.
- Flashpoint: No data available.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

- Emergency Procedures: Hazchem Code 2R.  
2 = water fog – in the absence of fog a fine spray may be used.  
R = Full protective clothing.
- Methods and Materials for Containment and Clean Up: Minor spills normally do not require any special clean up measures. In the event of a major spill prevent spillage from entering drains, water courses, sewers or any body of water. Wear protective equipment (as per section 8) to prevent skin and eye contamination. Contain and absorb any spillage with sand, earth or inert material. Scoop into a sealable container for disposal by an approved agent according to local conditions. Any residual deposits may be slippery. Wash down all areas with water. If contamination of sewers or waterways has occurred notify your local emergency services.

## **SECTION 7 HANDLING AND STORAGE**

- Handling: Keep out of reach of children. When handling do not eat, drink or smoke. Avoid contact with skin, eyes and do not inhale. Use in a well-ventilated area. Do not add water directly to the product. Add product slowly into water. Wash hands with water after handling.
- Storage: Store in a cool, well ventilated, dry place away from direct sunlight. Keep container closed at all times.
- Incompatibility: Incompatible with aluminum, magnesium, zinc, copper, alloys, tin, oxidizing agents and acids.

## **SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

- Exposure standards: There are no exposure standards available for this product. Individual components Exposure standards – Dust not otherwise specified is 3mg/m<sup>3</sup> for respirable dust and NOHSC Sodium Hydroxide 2mg/m<sup>3</sup>
- Biological limit values: None established for this product.
- Engineering controls: Ensure ventilation is adequate and avoid generating mists of the product. Ensure eyewash and/or a safety shower in working area. Keep container closed when not in use.
- Personal Protective Equipment:
  - Eye protection: Avoid contact with eyes. The use of safety goggles/ glasses with side protection is recommended.
  - Skin Protection: Wear chemical resistant gloves, overalls, apron and appropriate footwear.
  - Respiratory: If ventilation is inadequate wear a respirator to protect against exposure to high vapour concentrations. Respirators should comply with AS/NZS 1715 and AS/NZS 1716.
  - Other: Do not eat, drink or smoke whilst handling product. Wash hands after use.



## **SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance: White granular powder.
- Odour: No scent.
- pH: 12 (1% solution).
- Vapour Pressure: Not available.
- Vapour Density: Not available.
- Boiling Point: Not applicable.
- Freezing/Melting Point: Not available.
- Solubility: Soluble in water.
- Specific Gravity: Not available.
- Flash Point: Not flammable.
- Flammability limits: Not available.

## **SECTION 10 - STABILITY AND REACTIVITY**

- Chemical stability: Stable at normal temperatures and pressure.
- Conditions to avoid: Avoid Acids as a violent reaction can occur yielding heat and pressure which can burst an enclosed container.
- Incompatible materials: Acids, metal salts, peroxides and reducing agents.
- Hazardous decomposition products: Under fire conditions, toxic or irritating fumes/smoke/gases may be emitted.
- Hazardous reactions: Reacts vigorously with acids.

## **SECTION 11 - TOXICOLOGICAL INFORMATION**

- Ingestion: Corrosive – will cause severe burns and irritation to the mouth, throat and digestive tract. Swallowing can cause nausea, vomiting and diarrhea.
- Skin Contact: Corrosive to skin – will cause burns to skin and severe irritation. Corrosion will continue until chemical is removed.
- Eye Contact: Corrosive to eyes – will cause irritation and possible permanent damage.
- Inhalation: Inhalation of mists will cause severe irritation and possible chemical burns to the respiratory tract and nasal passages.

## **SECTION 12 - ECOLOGICAL INFORMATION**

- Ecotoxicity: None available.
- Persistence and degradability: None available.
- Bioaccumulative potential: None available.
- Mobility: None available

This product is soluble in water. Do not discharge bulk quantities into drains, waterways, sewer or environment. Notify your local authority if this occurs.

## **SECTION 13 - DISPOSAL CONSIDERATIONS**

- Disposal: To dispose of quantities of undiluted product refer to your State Land Waste Management Authority. Do not discharge product into drains or waterways. Dispose of material through a licensed accredited waste disposal contractor.

## **SECTION 14 - TRANSPORT INFORMATION**

- UN Number: 3262
- UN Proper Shipping Name: Corrosive solid basic inorganic N.O.S.
- Class and Subsidiary Risk: ADG CLASS 8.
- Packing Group: III
- Hazchem Code: 2R
- Special precautions: This material is a class 8 Corrosive Substance according to the Australian Code for the Transport of Dangerous Goods by road and rail.
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## **SECTION 15 - REGULATORY INFORMATION**

- SUSMP Classification: S5 Poison
- Regulatory Information: Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

**SECTION 16 - OTHER INFORMATION**

- Issue Date: November 2016

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Since the supplier and/or distributor cannot anticipate or control the conditions under which the product may be used, every user must prior to usage review this SDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is required to ensure that an appropriate risk assessment can be made, the user should contact this company.

END OF SDS