

Material Safety Data Sheet

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Hazardous according to criteria of Worksafe Australia

PRISM DISHWASHER POWDER

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Brisbane Total Cleaning Supplies

ABN 30 239 269 224

Unit 9, 29 Moreton Bay Road

CAPALABA QLD 4157

Phone: +61 7 3823 1822

Fax: +61 7 3823 1949

Email: sales@btcs.com.au

Product Name:

PRISM

Synonyms:

DISHWASHING MACHINE POWDER

Manufacturer's Product Code(s):

PRISM

Use:

DISHWASHING MACHINE DETERGENT POWDER

UN Number:

1759

Proper Shipping Name:

CORROSIVE SOLID, N.O.S.

Dangerous Goods Class:

8

Subsidiary risk:

None allocated

Packing Group:

III

Hazchem Code:

2X

2. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
SODIUM CARBONATE	30 to 60%	497-19-8
ALCOHOL ALKOXYLATE	1 to 10%	37311-00-5
SILICIC ACID DISODIUM SALT	10 to 30%	6834-92-0

3. HAZARD IDENTIFICATION

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Hazard Category: Harmful, Irritant

ACUTE HEALTH EFFECTS

Swallowed: Harmful if swallowed. Will cause burns to the mouth, mucous membranes, throat, esophagus and stomach. If sufficient quantities are ingested (swallowed) death may occur.

Eye: Will cause burns to the eyes with effects including: Pain, tearing, conjunctivitis and if duration of exposure is long enough, blindness will occur.

Skin: Will cause burns to the skin, with effects including; Redness, blistering, localised pain and dermatitis.

Inhaled: Toxic if inhaled. Will cause severe irritation to the nose, throat and respiratory system with effects including: Dizziness, headache, incoordination, chest pains, coughing, respiratory paralysis and or failure.

Chronic: Prolonged or repeated skin contact may lead to dermatitis. This product may cause severe eye irritation and depending upon duration of exposure, some form of permanent eye damage may occur. Prolonged or repeated exposure may lead to irreversible damage to health. Prolonged or repeated skin contact will lead to necrosis (death) of the skin.

Prolonged or repeated exposure or deliberately concentrating and inhaling the vapour(s) may result in lung function incapacity or death.

4. FIRST AID MEASURES

Swallowed: If swallowed, DO NOT induce vomiting. Seek urgent medical assistance.

Eye: If material is splashed into eyes, flush with plenty of water for at least 15 minutes, ensuring eyelids are held open. Immediately transport to hospital or doctor.

Skin: If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap if available.

Inhaled: Remove victim to fresh air. Apply resuscitation if victim is not breathing - DO NOT USE DIRECT MOUTH - TO - MOUTH METHOD if victim ingested or inhaled substance; use alternative respiratory method or proper respiratory device -

First Aid Facilities: Eye wash fountain, safety shower and normal washroom facilities.

Advice to Doctor: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard

CAUTION: Use of water spray when fighting fire may be inefficient.

EXTINGUISHING MEDIA: Use dry chemical, carbon dioxide, foam or water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus (SCBA) required for fire-fighting personnel. If possible to do so safely, shut off fuel to fire. Use water spray to spray to cool fire-exposed surfaces and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS: If tanks, drums or containers of this material are heated, they may rupture and project corrosive liquids over a wide area.

Flammability: Not flammable or combustible. If involved in a fire may generate noxious and corrosive fumes.

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6. ACCIDENTAL RELEASE MEASURES

EMERGENCY ACTION:

Keep unnecessary people away; Isolate hazard area and deny entry. Stay upwind.

SPILL OR LEAK PROCEDURE:

Shut off ignition sources, no flares, smoking or flames in hazard area. Stop leak if you can do it without risk. Water spray may reduce vapour; but it may not prevent ignition in closed spaces.

SMALL SPILLS: Take up with sand, dirt or vermiculite. DO NOT use sawdust. Use non-sparking tools. Place into labeled drum(s) for later disposal.

LARGE SPILLS: Notify Emergency Services (Police or Fire Brigade). Tell them location, nature and any information that would be helpful. Contain spill. Remove all ignition sources and safely stop flow of spill. Bund area. Trained personnel should wear Personal Protective equipment as highlighted in this MSDS. Blanket the spill with foam or use water fog to disperse any vapour clouds. Consult an expert regarding disposal of this product.

7. HANDLING AND STORAGE

Many of these substances are reactive with water and may cause noxious fumes to be generated. Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition, strong alkalis, acids, combustibles and oxidizing agents. Store in original packages as approved by manufacturer. For further information please refer to the Engineering Controls of this MSDS.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: None available for this product.

Engineering Controls: Corrosive liquid. Single significant exposure may cause severe injury. Maintain adequate ventilation at all times. Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions. If engineering controls and work practices are not effective in preventing or controlling exposure, then suitable personal protective equipment, which is known to perform satisfactorily, should be used.

Personal Protection Equipment:

CLOTHING: PVC, Nitrile, Neoprene, Natural rubber or any other type of apron or splash suit as recommended by the manufacturer.

GLOVES: PVC, Nitrile, Neoprene, Natural rubber or any other type of glove as recommended by the manufacturer.

EYES: Chemical goggles or face shield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of gases. Select and use respirators in accordance with AS/NZS 1715/1716. When the concentration of airborne contaminants reach the exposure standards then the use of a half-face respirator with acid vapour cartridge is recommended. For high concentration, an atmosphere-supplied, positive pressure demand, self-contained or airline breathing apparatus supplied air respirator complying with the requirements of AS/NZS 1715 is recommended. Filter capacity and respirator type depends on exposure levels.

If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended. The use of fully encapsulating, gas-tight suits is also recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	COARSE GRANULATED WHITE POWDER WITH LITTLE ODOUR
Boiling Point Melting Point:	N/APP
Vapour Pressure:	N/APP
Specific Gravity:	N/AV
Flash Point:	N/APP
Flammability Limits:	N/APP
Solubility in Water:	FULLY

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS: Emits choking and corrosive fumes when heated to decomposition.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Strong alkalis and oxidizing agents.

CONDITIONS TO AVOID: Heat, flames, ignition sources and incompatibles.

11. TOXICOLOGICAL INFORMATION

RISK PHRASES

R22 Harmful if swallowed.

R31 Contact with acids liberates toxic gas.

R34 Causes burns.

R41 Risk of serious damage to eyes.

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11. TOXICOLOGICAL INFORMATION CONT.

SAFETY PHRASES

S2 Keep out of reach of children

S8 Keep container dry.

S13 Keep away from food, drink and animal feeding stuffs.

S22 Harmful if swallowed

S23 Do not breathe dust.

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S45 In case of accident or if you feel unwell, contact a doctor or Poisons Information Centre immediately.

12. ECOLOGICAL INFORMATION

N/A

13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to an approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. TRANSPORT INFORMATION

UN Number:	1759
Proper Shipping Name:	CORROSIVE SOLID, N.O.S.
Dangerous Goods Class:	8
Subsidiary risk:	None allocated
Packing Group:	III
Hazchem Code:	2X

Classified as a CLASS 8 (CORROSIVE) Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail, 6th Edition.

Dangerous goods of Class 8 (Corrosive) are incompatible in a placard load with any of the following:

- Class 1, Class 4.3 Class 5, Class 6, (if the Class 6 dangerous goods are cyanides and the Class 8 dangerous goods are acids,) Class 7,...and are incompatible with food and food packaging in any quantity.

Emergency information (Transport):

Dangerous Goods - Initial Emergency Response Guide (SAA/SNZ HB76:1997) For TOXIC AND/OR CORROSIVE Guide No: 37

15. REGULATORY INFORMATION

Poison Schedule: S5

16. OTHER INFORMATION

CONTACT DETAILS

Sales Department	+61 7 3823 1822
Fax	+61 7 3823 1949
Mobile	0428 835 955
Emergency	0428 835 955

DISCLAIMER

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**In case of poisoning, contact Poisons Information Centre
In Australia call Tel: 13 11 26
In New Zealand Tel: 034 747 000**