

AUSTRALIA:
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Non hazardous according to the criteria of Worksafe Australia.

I IDENTIFICATION

Product Name: CITRUS DISHWASHING MACHINE POWDER

Other Names: None.

Product Code: None.

UN No: None allocated **Hazchem Code:** None allocated

Dangerous Goods Class: None allocated

Sub Risk Class: None allocated

Packaging Group: None allocated

Poison Schedule: None allocated

Chemical Family: Blend of ingredients, mainly alkaline salts.

Uses: Automatic dish-wash powder

Physical Appearance & Properties

Appearance & Odour: Light yellow powder

Melting/softening point: No specific data. Solid at normal temperatures.

Boiling point and vapour pressure: No data.

Volatile materials: No specific data. Expected to be low at 100°C.

Flashpoint: Does not burn.

Specific gravity: No data.

Solubility in water: Soluble.

Corrosiveness: Not corrosive.

Ingredients Chemical Entity	CAS No	Worksafe Exposure Limits		
		Proportion, %	TWA, mg/m ³	STEL, mg/m ³
Alkaline salts	secret	>70	not set	not set
Other non hazardous ingredients	secret	to 100	not set	not set

This is a commercial product whose exact ratio of components may vary. Trace quantities of impurities are also likely.

MATERIAL SAFETY DATA SHEET

II. HEALTH HAZARD DATA

Health Effects:

No specific data is available for the product for chronic exposure symptoms. The ingredients are not listed as carcinogenic in Worksafe's document "Exposure Standards for Atmospheric Contaminants in the Occupational Environment" (May 1995).

Acute Effects:

The principal effects of this material are associated with its alkaline nature.

Swallowed:

Data suggests that this product should present no significant problems to typical persons if used as intended. Data suggests that this this product is irritating to the gastrointestinal tract if swallowed.

Eye:

This product is irritating to the eyes. It will cause discomfort such as stinging pain, watering and redness of the eyes. Effects may last after exposure has ceased.

Skin:

This product is irritating to skin. Prolonged or repeated exposure is likely to cause discomfort and effects such as and skin reddening.

Inhalation:

Data suggests that this product should present no significant problems to typical persons if used as intended.

First Aid:

If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone 13 1126 from anywhere in Australia.

Swallowed

If swallowed, do NOT induce vomiting. Give a glass of water. If irritation is evident seek medical advice.

Eyes:

If this product comes into contact with eyes, hold open and wash with running water for at least 15 minutes. Ensure irrigation under eyelids by occasionally lifting them. Do not try to remove contact lenses unless trained. Seek medical attention.

Skin:

If product gets on skin, remove contaminated clothing and wash skin with soap and water.

Inhalation:

No first aid measures normally required. However, dusts have been inhaled, and irritation has developed, remove from area.
If irritation becomes painful or persists more than about 30 minutes, seek medical advice.

Advice to Doctor:

Treat symptomatically. Note the nature of this product.

III. PRECAUTIONS FOR USE

Risk Phrases are: R36/38. Irritating to eyes and skin.

Exposure Standards:

A time weighted average (TWA) concentration for an 8 hour day, and 5 day week has not been established by Worksafe Australia for any of the ingredients in this product. There is a blanket limit of 10mg/m³ for dusts or mists when limits have not otherwise been established. The nature of this product makes it unlikely that this level will be approached in normal use.

Engineering Controls:

In industrial situations, concentration values below the TWA value should be maintained. Values may be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe air borne concentrations of mists, dusts or vapours are high, you are advised to modify the process or environment to reduce the problem.

MATERIAL SAFETY DATA SHEET

Personal Protection:

<u>Respiratory Protection:</u>	Not considered necessary during normal use of this product
<u>Protective Gloves:</u>	Regular or continuous contact with the skin may cause irritation. Protective gloves should be worn in these situations.
<u>Eye Protection:</u>	Eye contact is not likely in normal usage situations. Protective eyewear should be worn if eye contact is likely.
<u>Clothing:</u>	Special protective clothing is not deemed necessary when using this product
<u>Safety Boots:</u>	No special requirements are necessary.
	Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing before storing or re-using.

IV. SAFE HANDLING INFORMATION

Safety Phrases are: S24/25. Avoid contact with skin and eyes.

Storage & Transport

No special storage and transport requirements. This product has no UN classification. Not a Scheduled Poison. Containers should be kept closed in order to minimise contamination. Keep from extreme heat and open flames, and make sure that the product does not come into contact with substances listed under "Materials to avoid" below.

Spills & Disposals

In the event of a major spill, prevent spillage from entering drains or water courses. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage. Recycle containers wherever possible. After spills, wash area preventing runoff from entering drains.

Fire & Explosion Hazard

There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

<u>Flashpoint:</u>	Does not burn.
<u>Flammability limits:</u>	Not applicable. This product does not burn.
<u>Extinguishing Media:</u>	This product does not burn – use extinguishing media suited to the materials that are burning

Special Fire Fighting procedures:

When fighting fires involving significant quantities of this product, wear safety boots, non-flammable overalls, gloves, hat and preferably goggles.

Unusual Fire & Explosion Hazards:

This product is unlikely to decompose at temperatures normally achieved in a fire.

Stability: This product is unlikely to spontaneously decompose.

Polymerisation: This product is unlikely to spontaneously polymerise.

Decomposition Products: No significant quantities of decomposition products are expected at temperatures normally achieved in a fire.

MATERIAL SAFETY DATA SHEET

Materials to avoid: Acids.

V. OTHER INFORMATION

This MSDS is prepared in accord with the Worksafe Australia document "National Code of Practice for the Preparation of Material Safety Data Sheets", 1994.

Contact Points:

AUSTRALIA

Police and Fire Brigade:

Dial 000

If ineffective:

Dial 1100 (Exchange)

National Poisons Information Centre:

Dial 13 1126 (from anywhere in Australia)

This MSDS summarises 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. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. The responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

Please read all labels carefully before using product.