

# Material Safety Data Sheet

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Infosafe No. 5FULX Issue Date : August 2005 ISSUED by POLO

Product Name : **ADVANTAGE Dishwasher Powder**

Classified as hazardous

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

**Product Name** ADVANTAGE Dishwasher Powder  
**Product Code** 3395  
**Product Use** Supplied for use as a domestic and industrial automatic dishwasher powder.  
**Company Name** Polo Citrus Australia Pty Ltd (ABN 18 064 601 332)  
**Address** PO Box 576 Melton  
Vic 3337 Australia  
**Emergency Tel.** 1300 369 422  
**Telephone/Telex Number** Tel: 1300 369 422  
**Other Information** Visit our website: [www.polocitrus.com.au](http://www.polocitrus.com.au)

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Characterization** Solid

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	alkaline sodium salts	N/A	70-100 %
	Ingredients determined not to be hazardous	Mixture	To 100%

## 3. HAZARDS IDENTIFICATION

Irritating to eyes and skin.  
**Irritancy of Product** Classified as a skin and eye irritant.  
**Sensitization of Product** Not known to be a sensitiser.

## 4. FIRST AID MEASURES

**Inhalation** Remove victim from exposure - avoid becoming a casualty. Seek medical advice if effects persist.  
**Ingestion** Rinse mouth thoroughly with water immediately. Give water to drink. DO NOT induce vomiting. If vomiting occurs give further water to achieve effective dilution. Seek medical attention.  
**Skin** Wash affected areas with copious quantities of water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.  
**Eye** Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical attention.  
**First Aid Facilities** Normal washroom facilities are generally suitable. Ensure an eyewash station and safety shower are available and ready for use.  
**Advice to Doctor** Treat symptomatically.  
**Other Information** Keep water and mild soap near work site.

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media** Use extinguishing media suitable for surrounding environment as this product is unlikely to burn.  
**Specific Methods** Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition.  
**Specific Hazards** Low hazard

## 6. ACCIDENTAL RELEASE MEASURES

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**Spills & Disposal** Slippery when spilt. Avoid accidents, clean up immediately. Collect and seal in properly labelled drums for disposal. Observe local regulations. Wash away residues with water.

## 7. HANDLING AND STORAGE

**Corrosiveness** May be corrosive to some metals (e.g. aluminium)

**Handling** Ensure the appropriate personal protective equipment is used when handling this material. When handling product in drums, safety footwear should be worn and proper handling equipment should be used. Prevent spillages.

**Storage** Keep containers closed at all times. Store in cool place and out of direct sunlight.  
Check containers regularly for leaks.

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

**Other Exposure Information** Exposure Standard means the average concentration of a particular substance in the worker's breathing zone, exposure to which, according to current knowledge, should not cause adverse health effects nor cause undue discomfort to nearly all workers. It can be of three forms; time-weighted average (TWA), peak limitation, or short term exposure limit (STEL). Occupational exposure limits: When an exposure standard has not been established by the National Occupational Health & Safety Commission for a material, a blanket recommendation of 5 mg/m<sup>3</sup> for respirable vapours, mists and dusts should be used.

**Respiratory Protection** Respirator not normally required.  
Airborne concentrations should be kept to lowest levels possible. If vapour, mist or dust is generated and the occupational exposure limit of the product is exceeded, use appropriate AS/NZS 1715/1716 approved air purifying equipment or air supplied respirator after determining the airborne concentration of the contaminant. Air supplied respirators should always be worn when airborne concentration of the contaminant or oxygen content of the air is unknown.

**Eye Protection** Safety glasses, goggles or faceshield as appropriate.

**Hand Protection** PVC, neoprene or nitrile rubber gloves.

**Footwear** Enclosed footwear.  
PVC or rubber boots.

**Body Protection** Overalls or similar protective apparel.

**Eng. Controls** Maintain concentration below recommended exposure limit. Special ventilation is not normally required due to the low volatility of the product at normal temperatures. However, in the operation of certain equipment or at elevated temperatures, mists or vapour may be generated and exhaust ventilation should be provided to maintain airborne concentration levels below the exposure standard or where no exposure standard is allocated, as low as is reasonably practicable.

**Hygiene Measures** Always wash hands before smoking, eating, drinking or using the toilet. If contamination occurs, change clothing. Avoid carrying contaminated rags in pockets or wearing soaked clothing. Discard internally contaminated gloves and footwear. Launder contaminated clothing before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Odour** Mild

**Solubility in Water** Soluble

**pH Value** Approximately 11.5 @ 20 °C (1% v/v in tap water)

**Colour** Blue

**Density** Approximately 1.6 kg/L @ 15 °C

**Flash Point** Product does not have a flash point

**Flammability** Not considered a fire or explosion hazard.

**Ignition Temperature** Not applicable

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**Flammable Limits** Not applicable  
**LEL**

**Flammable Limits** Not applicable  
**UEL**

**Explosion Properties** Not considered an explosion risk under normal conditions of use

**Other Information** These physical data and other properties do not constitute a specification

## 10. STABILITY AND REACTIVITY

**Stability** Stable under normal conditions of use

**Hazardous Polymerization** Will not occur

**Materials to Avoid** Strong acids

**Hazardous Decomposition Products** Decomposition products may include: a complex mixture of airborne solid and liquid particulates and gases, including carbon monoxide, carbon dioxide, soot, oxides of sulfur and unidentified organic and inorganic compounds.

## 11. TOXICOLOGICAL INFORMATION

**Inhalation** Inhalation of dust may result in respiratory irritation.

**Ingestion** Ingestion can result in irritation to the mouth, throat and stomach, nausea, abdominal irritation, pain and vomiting.

**Skin** Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to dermatitic effects. Contact with skin will result in moderate irritation.

**Eye** Irritant. Will cause redness, lachrymation and inflammation of the eyelids.

**Chronic Effects** Prolonged or repeated skin contact may cause dermatitis due to defatting effect.

**Carcinogenicity** Product is not a known carcinogen.

**Acute Toxicity - Oral** LD50 expected to be > 2000 mg/kg.

## 12. ECOLOGICAL INFORMATION

**Environ. Protection** Avoid contaminating waterways.

## 13. DISPOSAL CONSIDERATIONS

**Container Disposal** Keep container labelled until cleaned and then remove or deface labels.

**Other Information** Observe local regulations.

## 14. TRANSPORT INFORMATION

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

**U.N. Number** None Allocated

**Proper Shipping Name** None Allocated

**DG Class** None Allocated

**Hazchem Code** None Allocated

**Packing Group** None Allocated

## 15. REGULATORY INFORMATION

**Risk Phrase** R36/38 Irritating to eyes and skin.

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**Safety Phrase** S2 Keep out of reach of children.  
S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28 After contact with skin, wash immediately with plenty of water.  
S45 In case of accident or if you feel unwell seek medical advice immediately

**Poisons Schedule** S5

**Hazard Category** Irritant

**Packaging & Labelling** SUSDP A: For advice, contact a Poisons Information Centre (Phone Australia 131 126; New Zealand 03 4747 000 [not after May 2005] or 0800 764 766) or a doctor. SUSDP G3: If swallowed, do NOT induce vomiting. SUSDP E2: If in eyes, hold eyelids 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. SUSDP S2: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor.

## 16. OTHER INFORMATION

**Contact Person/Point** General Manager 1300 369 422

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Material Safety Data Sheets are updated frequently. Please ensure you have a current copy.

**References**

- \* NOHSC:2011 National Code of Practice for the Preparation of Material Safety Data Sheets
- \* NOHSC:1008 Approved Criteria for Classifying Hazardous Substances
- \* NOHSC:10005 List of Designated Hazardous Substances
- \* NOHSC:1005 Control of Workplace Hazardous Substances, National Model Regulations
- \* NOHSC:2007 Control of Workplace Hazardous Substances, National Code of Practice
- \* NOHSC:1003 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, National Exposure Standards
- \* NOHSC:3008 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, Guidance Note
- \* NOHSC:1015 Storage and Handling of Workplace Dangerous Goods, National Standard
- \* NOHSC:2017 Storage and Handling of Workplace Dangerous Goods, National Code of Practice
- \* SUSDP, Standard for the Uniform Scheduling of Drugs and Poisons
- \* ADG, Australian Dangerous Goods Code
- \* MSDS of component materials

**Last Change** Supersedes issue date: 07/2005.  
Reason/s for revision: Brand changed.  
...End Of MSDS...