

# Material Safety Data Sheet

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Infosafe No. 5FUM4 Issue Date : August 2005 ISSUED by POLO

Product Name : **ADVANTAGE Rinse Aid**

Not classified as hazardous

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

**Product Name** ADVANTAGE Rinse Aid  
**Product Code** 3391  
**Product Use** Supplied as a rinse aid for use in automatic dishwashers.  
**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** Liquid

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Ingredients determined not to be hazardous	Mixture	100 %

## 3. HAZARDS IDENTIFICATION

**Irritancy of Product** Not classified as an irritant.  
**Sensitization of Product** Not classified as a sensitiser.

## 4. FIRST AID MEASURES

**Inhalation** Remove victim from exposure - avoid becoming a casualty. Seek medical advice if effects persist.  
**Ingestion** Give water to drink. DO NOT induce vomiting. Seek medical advice.  
**Skin** Rinse with plenty of water. If irritation occurs seek medical advice. Remove contaminated clothing and wash before re-use.  
**Eye** Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical advice if effects persist.  
**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** not combustible, Use extinguishing media suitable for surrounding environment  
**Specific Methods** Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition.  
**Specific Hazards** Low hazard  
**Hazardous Combustion Products** Non combustible. Non flammable.

## 6. ACCIDENTAL RELEASE MEASURES

**Spills & Disposal** Slippery when spilt. Avoid accidents, clean up immediately. Use absorbent (soil or sand, sawdust, inert material, vermiculite). Collect and seal in properly labelled drums for disposal. Observe local regulations.

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## 7. HANDLING AND STORAGE

**Corrosiveness** Not corrosive

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

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

**Exposure Limits** No exposure standard has been established for this product.

**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 half-face filter respirator suitable for organic vapours 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.

**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 lemon

**Solubility in Water** Soluble

**Boiling Point** Greater than 100 °C

**pH Value** Approximately 2 @ 20 °C

**Vapour Pressure** 2 kPa typical @ 20 °C

**Vapour Density (Air=1)** Greater than air

**Evaporation Rate** Less than 1 (n-butyl acetate=1)

**Colour** Clear blue

**Density** Approximately 1 kg/L @ 15 °C

**Flash Point** Product does not have a flash point due to water content

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**Flammability** Non combustible. Non flammable. Product residue, following evaporation of liquid content will burn in the presence of an ignition source.

**Ignition Temperature** Not applicable

**Flammable Limits LEL** Not applicable

**Flammable Limits UEL** Not applicable

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

**Oxidising Properties** Not classified as an oxidiser

**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 oxidising agents

**Hazardous Decomposition Products** Hazardous decomposition products are not expected to form during normal storage. This product is unlikely to decompose at temperatures normally achieved in a fire. Likely to decompose only after heating to dryness followed by further strong heating. Decomposition products may include: a complex mixture of airborne solid and liquid particulates and gases, such as carbon monoxide, carbon dioxide, soot, oxides of nitrogen, and unidentified organic and inorganic compounds.

## 11. TOXICOLOGICAL INFORMATION

**Inhalation** Product is not expected to be irritating to the nose, throat or respiratory tract.

**Ingestion** May cause mild gastric irritation if swallowed.

**Skin** Generally non-irritant on incidental contact. Excessive or prolonged contact may give rise to slight irritation.

**Eye** May cause watering of eyes.

**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

**Short Summary of Assessment of Environmental Impact** The product is based on natural substances which are classified as 'readily biodegradable' according to AS4351/ISO 7827.

**Environ. Protection** Avoid contaminating waterways.

## 13. DISPOSAL CONSIDERATIONS

## 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

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Packing Group None Allocated

## 15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

## 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...