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Issue Date: January 2010

MATERIAL SAFETY DATA SHEET

Not Classified as Hazardous according to criteria of NOHSC

COMPANY DETAILS

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
Tel/Fax Tel: 1300 369 422
Other Information Visit our website: www.polocitrus.com.au

IDENTIFICATION

Product Code 3375
Product Name Polo Window & Glass Cleaner
Shipping Name None Allocated
UN Number None Allocated
DG Class None Allocated
Packing Group None Allocated
Hazchem Code None Allocated
Poisons Schedule Not Scheduled
Product Use Supplied as a window and glass cleaner.

Physical Data

Melting Point Approximately 0 °C
Boiling Point Approximately 100 °C
Vapour Pressure 2 kPa typical @ 20 °C
Flash Point Product does not have a flash point
Flamm. Limit LEL Not applicable
Flamm. Limit UEL Not applicable
Explosion Data Not considered an explosion risk under normal conditions of use
Solubility in Water Soluble
Density Approximately 1.0 kg/L @ 15 °C

Other Properties

Autoignition Temp. Not applicable
Evaporation Rate Less than 1 (n-butyl acetate=1)
Vapour Density Greater than air
pH Value Approximately 9.0 @ 20 °C
Odour Mild ammoniacal
Colour Blue
Form Liquid
Stability Stable under normal conditions of use
Haz. Polymerization Will not occur
Other Information These physical data and other properties do not constitute a specification

Ingredients

<u>Ingredients</u>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
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Ammonia 7664-41-7 0-10 %
 Ingredients determined not to be Mixture To 100%
 hazardous

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed May cause mild gastric irritation if swallowed.
Acute – Eye May cause watering of eyes.
Acute - Skin Generally non-irritant on incidental contact. Excessive or prolonged contact may give rise to slight irritation.
Acute - Inhaled The vapour may be an irritant to the mucous membranes and respiratory tract.
Chronic Based on available data, repeated exposures are not anticipated to cause additional or significant adverse effects.

First Aid

Swallowed Give water to drink. DO NOT induce vomiting. Seek medical advice.
Eye Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical advice if effects persist.
Skin Wash with plenty of soap and water. If irritation occurs seek medical advice. Remove contaminated clothing and wash before re-use.
Inhaled Remove victim from exposure - avoid becoming a casualty. 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.
Other Information Keep water and mild soap near work site.

Advice to Doctor

Advice to Doctor Treat symptomatically.

Other Health Hazard Information

Acute Toxicity – Oral LD50 expected to be > 2 000 mg/kg

PRECAUTIONS FOR USE

Exposure Limits

<u>Name</u>	<u>STEL</u>		<u>TWA</u>	
<u>mg/m³ ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>Footnote</u>	
Ammonia	24	35	17	25

Other Exposure Info 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/m³ for respirable vapours, mists and dusts should be used.

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.

Personal Protection

Respirator Type (AS 1716) 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.
Glove Type	PVC, neoprene or nitrile rubber gloves.
Clothing	Overalls or similar protective apparel.
Footwear	Enclosed footwear.
Work/Hygienic Practices	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.

Flammability

Fire Hazards	Non combustible. Non flammable. Product residue, following evaporation of liquid content will burn in the presence of an ignition source.
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SAFE HANDLING INFORMATION

Storage and Transport

Storage Precautions	Keep containers closed at all times. Store in cool place and out of direct sunlight. Check containers regularly for leaks.
Transport	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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.
Proper Shipping Name	None Allocated

Spills and Disposal

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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Fire/Explosion Hazard

Fire/Explos. Hazard	Low hazard
Hazardous	Non combustible. Non flammable.
Combustion Pds	
Hazardous	This product is unlikely to decompose at temperatures normally achieved in a fire.
Decomposition or Byproducts	Likely to decompose only after heating to dryness followed by further strong heating.
Fire Fighting Procedures	Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition.
Extinguishing Media	not combustible, Use extinguishing media suitable for surrounding environment
Hazchem Code	None Allocated

OTHER INFORMATION

Short Summary of Assessment of Environmental Impact	The product is based on substances that are classified as 'readily biodegradable' according to AS4351/ISO 7827.
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Environ. Protection References	Do not allow material to enter drains or waterways. * 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
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- * 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
- Supersedes issue date: October 2005.
Reason/s for revision: Review of MSDS in line with regulation.

Last Change

CONTACT POINT

Contact Managing Director 1 300 369 422

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.

...End Of MSDS...