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Issue Date: January 2010

MATERIAL SAFETY DATA SHEET

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
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Other Information Visit our website: www.polocitrus.com.au

IDENTIFICATION

Product Code 3078
Product Name Polo Laundry Powder
Shipping Name None Allocated
UN Number None Allocated
DG Class None Allocated
Packing Group None Allocated
Hazchem Code None Allocated
Poisons Schedule S5
Product Use Supplied for use as a domestic and industrial laundry powder.
Other Information Refer to Product Information Sheet for further details.

Physical Data

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 1.6 kg/L @ 15 °C

Other Properties

Corrosiveness May be corrosive to some metals (e.g. aluminium)
Autoignition Temp. Not applicable
pH Value Approximately 13 @ 20 °C (5% v/v in tap water)
Odour No discernible odour
Colour Blue
Form Solid
Stability Stable under normal conditions of use
Haz. Polymerization Will not occur
Materials to Avoid Strong acids
Other Information These physical data and other properties do not constitute a specification

<u>Ingredients</u>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
<u>Ingredients</u>	Inorganic sodium compounds	Mixture	0-30 %
	Inorganic silicates		0-10 %
	Ingredients determined not to be hazardous	Mixture	To 100%

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed	Ingestion can result in irritation to the mouth, throat and stomach, nausea, abdominal irritation, pain and vomiting.
Acute - Eye	Irritant. Will cause redness, lachrymation and inflammation of the eyelids.
Acute - 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.
Acute - Inhaled	Inhalation of dust may result in respiratory irritation.
Chronic	Prolonged or repeated skin contact may cause dermatitis due to defatting effect.

First Aid

Swallowed	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.
Eye	Immediately irrigate with copious quantity of water for at least 15 minutes.
Skin	Eyelids to be held open. Seek medical attention. Wash affected areas with copious quantities of water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.
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.
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Other Health Hazard Information

Irritancy of Product	Classified as a skin and eye irritant.
Sensitization of Product	Not known to be a sensitiser.
Teratogenicity	No teratogenic effects known.
Reproductive Toxicity	Reproductive toxicity not expected.
Mutagenicity	Mutagenic effects not known.
Carcinogenicity	Product is not a known carcinogen.
Acute Toxicity - Oral	LD50 expected to be > 2000 mg/kg.

PRECAUTIONS FOR USE

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
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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.

PVC or rubber boots.

Work/Hygienic Practices

Always wash hands before smoking, eating, drinking or using the toilet. If contamination occurs, change clothing. Discard internally contaminated gloves and footwear. Launder contaminated clothing before reuse.

Flammability

Fire Hazards

Not considered a fire or explosion hazard.

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. Collect and seal in properly labelled drums for disposal. Observe local regulations. Wash away residues with water.

Other Disposal Info. Container Disposal

Observe local regulations.

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

Fire/Explosion Hazard

Fire/Explos. Hazard	Low hazard
Hazardous Decomposition or Byproducts	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.
Fire Fighting Procedures	Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition.
Extinguishing Media	Use extinguishing media suitable for surrounding environment as this product is unlikely to burn.
Hazchem Code	None Allocated

OTHER INFORMATION

Environ. Protection	Avoid contaminating waterways.
Risk Statement	R36/38 Irritating to eyes and skin.
Safety Statement	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
Pkg. & 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.
Hazard Category	Irritant
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: October 2005. Reason/s for revision: Review of MSDS in line with regulation.

CONTACT POINT

Contact

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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...