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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)
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IDENTIFICATION

Product Code 3071
Product Name Orange Pump Soap Hand 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 Orange Pump Soap is an effective natural hand cleaner combining citrus oils with lanolin and coconut oil to provide a rich creamy lather leaving hands feeling clean, smooth and comfortable with a lingering orange fragrance. Orange Pump Soap contains no harsh solvents or abrasives.

Other Information Refer to the Product Information Sheet for further details.

Physical Data

Melting Point Less than 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

Corrosiveness Not corrosive
Oxidising Properties Not classified as an oxidiser
Autoignition Temp. Not applicable
Evaporation Rate Less than 1 (n-butyl acetate = 1)
Vapour Density Greater than air
pH Value Approximately 8.5 - 9 @ 20 °C
Odour Citrus
Viscosity Approximately 150 mm²/s @ 40 °C (kinematic)

Colour	Opaque pale yellow
Form	Liquid
Stability	Stable under normal conditions of use
Haz. Polymerization	Will not occur
Materials to Avoid	Strong oxidising agents
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>
	Ingredients determined not to be hazardous	Mixture	100 %
	Phenol derivatives	Mixture	0-10 %
	Orange oil	5989-27-50-10	10 %
	Amide derivative	Mixture	0-10 %
	Borate derivative	Mixture	0-10 %

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed	May cause mild gastric irritation if swallowed.
Acute - Eye	A mild eye irritant.
Acute - Skin	Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to dermatitic effects.
Acute - Inhaled	Product is not expected to be irritating to the nose, throat or respiratory tract.
Chronic	Prolonged or repeated skin contact may cause dermatitis due to defatting effect. May cause sensitisation by skin contact.

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	Rinse with plenty of water. 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.

Advice to Doctor

Advice to Doctor	Treat symptomatically. Aspiration is main danger. Intubation is recommended prior to any emesis due to foaming properties.
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Other Health Hazard Information

Teratogenicity	No teratogenic effects known.
Reproductive Toxicity	Reproductive toxicity not expected.
Mutagenicity	Mutagenic effects not known.
Carcinogenicity	Product is not a known carcinogen.

PRECAUTIONS FOR USE

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

PVC or rubber boots.

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

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

SAFE HANDLING INFORMATION

Storage and Transport

Storage Precautions

Keep containers closed at all times. Store in cool place and out of direct sunlight. Store away from oxidizing agents.

Transport

Check containers regularly for leaks.

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. Wash away residues with water.

Fire/Explosion Hazard

Fire/Explos. Hazard
Hazardous
Decomposition or
Byproducts

Low hazard
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
Extinguishing Media

Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition.
Use extinguishing media suitable for surrounding environment as this product is unlikely to burn.

Hazardous Reaction
Hazchem Code

May react with strong oxidising agents.
None Allocated

OTHER INFORMATION

Toxicology
Short Summary of
Assessment of
Environmental Impact
Environ. Protection
Risk Statement
Safety Statement

Estimated Oral LD50 (rat): greater than 2000 mg/kg.
The product is based on substances that are classified as 'readily biodegradable' according to AS4351/ISO 7827.
Do not allow material to enter drains or waterways.
R36 Irritating to eyes.
S2 Keep out of reach of children.
S25 Avoid contact with 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.

Pkg. & Labelling
Hazard Category
References

No special labelling requirements for consumer packaging.
Irritant
*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

Last Change

* MSDS of component materials
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...