

Section 1: Identification of the Material and Supplier

Product Name: Palmsoft

Other Names: Mixture of surfactants in aqueous solution.

Proper shipping name (ADG Code): None assigned.

Recommended use: As a soap.

Supplier: **So Safe Specialty Products Pty. Ltd.,**
ABN: 73 001 553 699
50 Chard Road, BROOKVALE NSW 2100, Australia
Tel: +61 2 9938 1800 (business hours)
Fax: +61 2 9905 0979

Emergency Phone Numbers:

Transport/Fire Emergency: **000** (Emergency services)

Medical Emergency: **131126** (Poisons Information Centre)

Section 2: Hazards Identification

Classified as hazardous according to criteria of Worksafe Australia. Non-dangerous goods.

Risk Phrases: R: 38 Irritating to eyes.

Safety Phrases: S: 25 Avoid contact with eyes.

Section 3: Composition/Information on Ingredients

Ingredients:

Mixed surfactants	10 - 30 %	
Glycerol	[56-81-5]	< 10 %
Other ingredients deemed not to be hazardous	< 10 %	
Water	[7732-18-5]	to 100 %

Section 4: First Aid Measures

For advice, contact a Poisons Information Centre (Phone 131 126) or a doctor.

Swallowed: If swallowed, do NOT induce vomiting.

Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Eyes: If in eyes wash out immediately with water.

Inhaled: Remove from exposure.

First Aid facilities: Recommended: Eye wash. Hand wash basin.

Advice to Doctor: Product is a mixture of surfactants in aqueous solution. If swallowed, vomiting should not have been induced because of risk of aspiration into the lungs. Irritating to eyes. Contact Poisons Information Centre.

Aggravated medical conditions: Pre-existing skin disorders.

Section 5: Fire Fighting Measures

HAZCHEM Code: None assigned.
Evacuate: No.
Extinguishant: Water.
Risk of violent reaction or explosion: No.
Products of combustion: Water vapour, oxides of carbon, oxides of sulphur, oxides of nitrogen.
Protective Equipment: Breathing apparatus and protective gloves for fire only.

Section 6: Accidental Release Measures

Emergency Procedures:

Contain. Prevent spillages from entering natural waters. Care: spillages will be extremely slippery.

For large spills:

Contain spillage using sand or earth. Transfer liquid and solids to suitable container. Treat residues as small spillage.

For small spills:

If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to suitable container and arrange removal by disposal company. Wash site of spillage thoroughly with water and detergent.

Section 7: Handling and Storage

Precautions for safe handling:

Avoid contact with eyes. Keep away from oxidising agents.

Conditions for safe storage:

Store in a cool, well ventilated place, out of reach of children. Large quantities should be stored in a bunded area. Store in original container. Keep container tightly closed and out of direct sunlight. Keep away from oxidising agents. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.

Incompatibles:

Oxidising agents.

Section 8: Exposure Controls/Personal Protection

National Exposure Standards:

ES-TWA: Glycerol 10 mg/m³ as mist.

ES-STEL: None assigned.

ES-PEAK: None assigned.

Notations: None.

Biological Limit Values: No data.

Engineering Controls:

Ensure adequate ventilation (same as outdoors) when using. If handling industrial quantities or if vapour/aerosol risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible, and at least below the TLV.

Personal Protective Equipment:

Avoid contact with skin and eyes. Do not breathe aerosols. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-

Normal Use:

Eye/face protection, gloves: rubber or plastic.

Industrial Quantities:

Face shield or safety glasses, gloves: rubber or plastic, plastic apron, sleeves and boots Impervious overalls.

Section 9: Physical and Chemical Properties

Appearance: Pale yellow, viscous liquid.
Odour: Mild, soapy smell.
pH: About neutral.
Vapour Pressure: About 23 hPa @ 20 °C
Vapour Density: No data.
Boiling Point: > 100 °C
Melting Point: No data.
Volatiles: About 76 % [water]
Volatile Organic Compounds (VOC): < 1 %
Evaporation Rate: No data.
Solubilities: Miscible with water in all proportions.
Specific Gravity/Density: About 1 g/mL @ 20 °C
Flash Point: None.
Flammable Limits: None.
Dust Explosion: Not applicable.
Auto-ignition Temperature: No data.

Other Information:

May react with strong oxidising agents.
Extremely slippery when spilled.

Section 10: Stability and Reactivity

Chemical Stability: Stable under normal conditions.
Conditions to Avoid: Incompatible materials.
Incompatible Materials: Oxidising agents.
Hazardous Decomposition Products: Oxides of nitrogen, oxides of sulphur.
Hazardous Reactions: None known.

Section 11: Toxicological Information

Health Effects:

No data available for the mixture. Information presented relates to individual ingredients.

Acute:

Swallowed: Likely to cause gastric upset, nausea, discomfort or pain, vomiting and diarrhoea. An aspiration risk.

Skin: Will have a degreasing effect on the skin. Prolonged contact may cause mild irritation.

Eyes: Irritating to eyes. Splashes of the concentrate into the eyes may cause redness, irritation and pain.

Inhaled: An unlikely route owing to the low volatility of ingredients. Aspiration of froth into the lungs during swallowing or vomiting may lead to chemical pneumonitis (irritation of lung tissues) and pulmonary oedema (fluid build-up in the lungs). Onset of symptoms may be delayed.

Chronic: Repeated skin contact with the concentrate may lead to dry skin, irritation and dermatitic effects.

LD50: Surfactant #1 > 2,000 mg/kg oral, rat.
Surfactant #2 2,000 mg/kg oral, rat.

Section 12: Ecological Information

Ecotoxicity: Local concentrations may be harmful to aquatic organisms, including fish.

Persistence and degradability: The surfactants used in this product are considered to be readily biodegradable.

Mobility: Readily transported by water.

Environmental Fate: Expected to biodegrade over time.

Bioaccumulative potential: No data.

Other adverse environmental effects: Contains a low proportion of an ethoxylated alcohol.

Section 13: Disposal Considerations

The generator of any wastes from this product is responsible for its proper classification, transport and disposal. Consult appropriate local and State regulations.

Disposal methods and containers: Avoid disposal to natural waters or the environment.

Special precautions for landfill or incineration: Unsuitable for incineration. May be unsuitable for some landfill sites.

Section 14: Transport Information

UN Number: None assigned.
UN Proper shipping name: None assigned.
Class and subsidiary risk: None assigned.
Packaging group: None.
Special precautions for user: Contain spillages.
HAZCHEM Code: None assigned.
Material for export: Not regulated.

Section 15: Regulatory Information

Poisons (SUSDP): Not a scheduled poison.
Dangerous Goods: No.
Carcinogen: Australia IARC NTP RTECS
No. No. No. No.
Agricultural and Veterinary Chemicals Act: Not applicable.
Australian Inventory of Chemical Substances (AICS): Listed.
Other National/International Regulations: No data found.

Section 16: Other information

Date of MSDS update: August 2006
Complete review and rewrite of all sections.

Abbreviations:

NOHSC - National Occupational Health and Safety Commission.
ACGIH - American Conference of Governmental Industrial Hygienists.
MAK - Maximum workplace concentration - Germany,
(maximale Arbeitsplatzkonzentration)
IARC - International Agency for Research on Cancer (France).
NTP - National Toxicology Program (USA).
RTECS - Registry of Toxic Effects of Chemical Substances.

Disclaimer

The information herein is to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions are beyond our control we do not accept liability for any damages resulting from the use of, or reliance on, this information in inappropriate contexts.