

## 1. IDENTIFICATION

**Commercial Name:** Soap Base  
**Product Use:** Toilet soap, cosmetic soap  
**Contact Information:**

Organisation	Location	Telephone	Ask For
Adelaide Moulding and Candle Supplies	7 Woodlands Terrace Edwardstown South Australia 5039	08 8294 0451	SDS Officer
Poisons Information Centre		13 11 26	

## 2. HAZARD IDENTIFICATION

**Proposed Classification:** Not classified

### Human Health Hazards:

**Inhalation:** No dust generates.  
**Ingestion:** Unlikely to be harmful unless excessive amount swallowed.  
**Skin contact:** Unlikely to be irritant in normal use.  
**Eye contact:** Can cause irritation  
**Physical/Chemical Hazard:** None identified.  
**Environmental Hazards:** None identified.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Mixtures:

CAS Number	Description	EINECS/EC Number
7732-18-5	Aqua (Water)	231-791-2
61790-79-2	Sodium Palmate	263-162-3
61789-89-7	Sodium Palm Kernelate	263-097-0
57-55-6	Propylene Glycol	200-338-0
56-81-5	Glycerin	200-289-5
57-50-1	Sucrose	200-334-9
50-70-4	Sorbitol	200-061-5
73296-89-6	Sodium Lauryl Sulfate	277-362-3
13463-67-7	Titanium Dioxide	236-675-5

## 4. FIRST AID MEASURES

**Skin Contact:** Not applicable for normal use.

**Eye Contact:** Wash out with water. Get medical attention if any sensations persist.

**Ingestion:** Remove material from mouth. Drink plenty of water. If large amount swallowed or symptoms develop get medical attention.

**Inhalation:** Remove to fresh air.

## 5. FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	Dry chemical, water spray, foam, carbon dioxide.
<b>Unsuitable extinguishing media:</b>	No data available.
<b>Specific Hazards:</b>	Thermal decomposition will evolve irritant vapours.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Avoid contact with eyes.
<b>Environmental Precautions:</b>	Minimise contamination of drains, surface, and ground water.
<b>Methods For Cleaning Up:</b>	Transfer product to suitably labelled containers for disposal at an approved site. Absorb liquid spillage onto inert material (e.g., sand). Residues and small spillages or uncontrolled discharge into watercourses must be alerted to the appropriate regulatory body.

## 7. HANDLING AND STORAGE

<b>Handling:</b>	No specific protective measures are required.
<b>Storage:</b>	Store in supplier's package in a cool dry environment.
<b>Other Information:</b>	For quality reasons, avoid elevated temperatures.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Engineering Measures:</b>	Not applicable.
<b>Hygiene Measures Limits:</b>	Good industrial hygiene should be followed.
<b>Hand Protection:</b>	Wear gloves.
<b>Eye Protection:</b>	Wear safety glasses.
<b>Environmental Exposure Control:</b>	Do not allow to enter water courses.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	White Solid @20°C
<b>Colour:</b>	White
<b>Odour:</b>	Neutral
<b>pH:</b>	9.0-11.0 (1% in water)
<b>Boiling Point:</b>	Ca 100°C
<b>Melting Point:</b>	55-65 °C
<b>Flash Point:</b>	No data available
<b>Auto Ignition Temperature:</b>	No data available
<b>Explosion Properties:</b>	Not to be expected
<b>Oxidation Properties:</b>	Not to be expected
<b>Solubility in Water:</b>	Miscible

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions.
<b>Conditions to Avoid:</b>	Not known.
<b>Materials to Avoid:</b>	Oxidizing agents.

<b>Hazardous Reactions:</b>	None.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition will evolve irritant vapours.
<b>Hazardous Polymerization:</b>	Will not occur.

## 11. TOXICOLOGICAL INFORMATION

<b>Skin Contact:</b>	Prolonged contact may cause irritation.
<b>Eye Contact:</b>	Prolonged contact may cause irritation.
<b>Ingestion:</b>	May cause vomiting if large quantities are ingested.

## 12. ECOLOGICAL INFORMATION

<b>Degradability:</b>	Completely biodegradable.
<b>Ecotoxicity</b>	
<b>LC50:</b>	5-250mg/l (Fish)
<b>EC50:</b>	42-40mg/l (Daphnia Magna – 24 hours) 58-190mg/l (Algae – 72hours)
<b>Aquatic Toxicity:</b>	Moderately toxic organisms* * The aquatic toxicity of fatty acid soaps is extremely dependant upon the hardness of the water.

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal Instructions:</b>	Re-use, recycling of waste highly recommended. Dispose in a safe manner in accordance with local/national regulations.
<b>Contaminated Packaging:</b>	Observe local regulations. Offer rinsed packaging material to local recycling facilities.

## 14. TRANSPORT INFORMATION

<b>General Recommendation:</b>	Not dangerous product.
<b>UN Number:</b>	Not classified.
<b>UN Proper Shipping Name:</b>	Not classified.
<b>Road (ADR/RID):</b>	Not classified.
<b>Air (IATA/ICAO):</b>	Not classified.
<b>Sea (IMDG):</b>	Not classified.
<b>Special Precautions for Users:</b>	See section 6-8
<b>Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC:</b>	Not defined.

## 15. REGULATORY INFORMATION

<b>Inventory Status:</b>	Australia (AICS)
--------------------------	------------------

## 16. OTHER INFORMATION

<b>NFPA Health Hazard:</b>	0 – Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.
----------------------------	--

**NFPA Fire Hazard:** 0 – Materials that will not burn, under typical fire conditions, including intrinsically non-combustible materials such as concrete, stone and sand.

**NFPA Reactivity:** 0 – Materials that in themselves are normally stable, even under fire conditions.

**Literature References:** Safety evaluation of fatty acid sodium soaps D94/052 (1994).

#### **Further Information**

The information in this safety data sheet is to the best of our knowledge true and accurate at the date of publication. All data, instructions, and recommendations and/or suggestion are made without guarantee.

In all cases, it is the responsibility of the users to determine the applicability of such information and recommendations, and the suitability of any products for their own particular purpose. Accordingly, Adelaide Moulding and Candle Supplies assumes no liability whatsoever for the use of or reliance upon this information or for any damage resulting from handling or from contact with the product.

The Material Safety Data Sheet is intended to provide information for a health and safety assessment of the material. This document is not intended for quality assurance purposes.