

1. IDENTIFICATION

Commercial Name: Clear Soap Base
Product Use: Toilet soap, cosmetic soap
Contact Information: ASES CHEMICAL WORKS
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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. INFORMATION ON INGREDIENTS

Mixtures:

Description	CAS Number	EINECS/EC Number
Aqua (Water)	7732-18-5	231-791-2
Sodium Cocoate	61789-31-9	263-050-4
Sodium Sterate	822-16-2	212-490-5
Sodium Chloride	7647-14-5	231-598-3
Glycerin	56-81-5	200-289-5
Sorbitol	50-70-4	200-061-5
Propylene Glycol	57-55-6	200-338-0
Sodium Lauryl Sulfate	73296-89-6	277-362-3

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

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

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with eyes.
Environmental Precautions: Minimise contamination of drains, surface, and ground water.
Methods For Cleaning Up: 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

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

9. PHYSICAL AND CHEMICAL PROPERTIES

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

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	Not known.
Materials to Avoid:	Oxidizing agents.
Hazardous Reactions:	None.
Hazardous Decomposition	Thermal decomposition will evolve irritant vapours.
Hazardous Polymerization:	Will not occur.

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

Inventory Status:	Australia (AICS)
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16. OTHER INFORMATION

NFPA Health Hazard:	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, ASES Chemical Works 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.