



MATERIAL SAFETY DATA SHEET
EUCALYPTUS SOAP

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1. Identification of the Product and Company

Product Name: EUCALYPTUS SOAP
Product Code: EUC01459F
Other Names: None allocated
Use: A cleansing and deodorising soap solution for use with bedpans and colostomy bags.
Company Name & Contact Details: Drug Information Pharmacist
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2. Hazards Identification

Hazard Classification: HAZAROUS PRODUCT. DANGEROUS GOODS.
Risk phrase(s): R10 Flammable
Safety phrase(s): Do not swallow. If swallowed, contact a doctor or Poisons Information Centre.
Do not mix this solution with other cleaning compounds.

3. Composition/Information on Ingredients

Chemical Entity	CAS No:	Proportion
Eucalyptus Oil	8000-48-4	10% v/v
Teric N8	-	30 - 60% v/v
Ethanol	64-17-5	30 - 60% v/v
Water, Purified	7732-18-5	to 100%

4. First Aid Measures

Prolonged exposure may lead to headaches and dizziness.

Inhalation: Remove patient to fresh air. If necessary, apply artificial respiration.
Ingestion: Give water or milk to drink. If a large volume is swallowed, take patient to hospital.
Skin: Wash area well with water. Pat dry.
Eye: Hold eyes open and flush with gently running water for at least 15 minutes. Seek medical advice.
Advice to Doctor: Treat symptomatically.

5. Fire Fighting Measures

Extinguishing Media	Water fog, foam, dry chemical agent, carbon dioxide.
Hazards from Combustion products	Toxic gases may be evolved on burning.
Precautions & Equipment for Fire Fighters	Remain upwind & notify those downwind of hazard. Remove containers from path of fire. Heating can cause expansion and rupture of containers. Keep containers cool with water spray. Fire fighters should wear self-contained breathing apparatus as exposure to vapour or combustion products is likely. Vapour is heavier than air and may travel along the ground.
Hazchem Code	2Y

6. Accidental Release Measure

Ventilate area and eliminate potential ignition sources. Contain using an absorbent (sand, vermiculite) where appropriate. Collect and seal in properly labelled containers for disposal. Wash area down with excess water. Cleanup personnel should wear appropriate protective clothing (eg splash proof goggles, apron/overalls, gloves). Note that spillage will be slippery. For large spills – prevent run-off from entering waterways & drains.

7. Handling and Storage

Safe Handling Practices	Approved barrier creams may prove useful if prolonged skin contact is unavoidable, else wear rubber gloves. Wash hands after use. Do not allow build-up of vapours.
Storage	Should not be stored or transported with flammable gases, explosives, spontaneously combustible substances or food stuffs. Store in a cool well ventilated area away from heat and ignition sources. Store below 25°C. Keep containers closed that are not in use to avoid evaporation.
Other Information	UN 1170. Classified as 3 (Flammable Liquid), packaging group III. Dangerous substance for the purpose of transport. Refer to appropriate State Regulations for storage and transport requirements.

8. Exposure Controls; Personal Protection

Exposure Limits:	There are no known exposure limits for Eucalyptus Soap, however, those of its constituents may be beneficial:
	Eucalyptus Oil LD ₅₀ acute (rat) 2480 mg/kg
	Ethanol: TWA 1000 ppm 1900mg/m ³
	Ethanol: LD ₅₀ oral (rat) 7060 mg/kg (literature data)
	LD ₅₀ inhalation (rat) 38 mg/l/10 h (literature data)
Engineering Controls	Use with adequate ventilation at all times. Avoid all sources of ignition.
Personal Protection	Avoid skin and eye contact. Approved barrier creams may prove useful if prolonged skin contact is unavoidable, else wear rubber gloves.

9. Physical and Chemical Properties

Appearance / Odour:	A clear, pale yellow, mobile liquid. Odour of Eucalyptus. Foams on shaking with water.		
pH:	Not known	Solubility:	Very Soluble
Percent Volatiles:	40% v/v	Specific Gravity or Density:	0.948 - 0.958 g/mL
Flashpoint:	23°C - 60°C (closed cup)		

10. Chemical Stability and Reactivity Information

Reactivity:	Should not be stored or transported with flammable gases, explosives, spontaneously combustible substances
Decomposition Products:	May evolve toxic gases (carbon dioxides, hydrocarbons) when heated to decomposition.

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11. Toxicological Information

Inhalation: Prolonged exposure may lead to headaches and dizziness.
Ingestion: May irritate the gastro-intestinal tract, causing nausea, vomiting and diarrhoea. Large doses may cause irritation to kidneys and bladder and may cause central nervous system depression.
Skin: Repeated or prolonged contact may cause irritation to the skin, resulting in dermatitis.
Eye: Irritating to the eyes, causing redness and stinging.

12. Ecological Information

Mobility: No data available
Persistence and Degradability: No data available
Ecotoxicity: No data available.
Ethanol: LD50 (ingestion): 3450 mg/kg (mouse)
Eucalyptus Oil: LD50 (oral): 2480mg/kg (rat)

13. Disposal Considerations

Disposal Methods & Containers: Wash empty containers with water. Containers may be recycled where permitted.
Special Disposal for Landfill or Incineration: Waste material may be incinerated under controlled conditions where permitted. Refer to local Waste Management Authority Regulations for other approved methods

14. Transport Information

UN Number: UN 1170.
UN Proper Shipping Name: Ethanol Solutions
DG Class & Subsidiary Risk: Classified as 3 (Flammable Liquid)
Packing Group: III
Hazchem Code: 2Y

15. Regulatory Information

Not regulated

16. Other Information

References:

- *Eucalyptus Oil, MSDS 11/01/2010* ScienceLab.com
- *Ethanol MSDS -022 10 August 2010*, Sucrogen BioEthanol Pty Ltd

Checked by: Anna McLean	Date: September 2011
Approved by: Robert Kimpton	Date: September 2011

Revision Information

Date	Document Name	Superseded Document	Revision Information
August 2005	EUC00809S_04 August 2005	EUC00809S_02 November 2001	General review
August 2008	EUC00809S_05 August 2008	EUC00809S_04 August 2005	General review
September 2011	EUC00809S_06 September 2011	EUC00809S_05 August 2008	General review

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