

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

1.1. Product Name

Castile Soap

1.2. Synonyms and / or Trade Names

Liquid Castile Soap

2. HAZARD IDENTIFICATION

This product is not hazardous under normal conditions of use

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Chemical Identity

Emulsion Mixture

3.2. Composition

Water, Potassium Oleate, Potassium Cocoate, Glycerin, Sodium Chloride

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	Remove from exposure site to fresh air
Ingestion	If swallowed do not induce vomiting, seek medical advice
Skin contact	If a reaction occurs, rinse irritated area with water
Eye contact	Rinse with sterile water

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishers: water spray, foam and or carbon dioxide

5.2. Special hazards arising from the product

Products of combustion - Oxides of Carbon

5.3. Advice for firefighters

Non flammable under normal conditions of use

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions
Avoid direct contact with eyes
6.2. Environmental precautions
Contain the large spills with earth or sand. Prevent large quantities from entering drains and sewers
6.3. Clean Up procedure
Absorb spillage onto sand / earth. Transfer to a suitable container for disposal.
6.4. Safety Clothing
N/A. Product biodegradable Naturally. No prohibited materials

7. HANDLING AND STORAGE

7.1. Precaution for safe handling	
Avoid spillage and eye contact	
7.2. Conditions for safe storage, including any incompatibilities	
Storage	Store in ambient temperature in original containers
Fire Protection	Keep away from ignition sources and naked flames

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Precautions	
Wash all items that come into contact with the product after each use	
8.2. Engineering controls	
None	
8.3. Control Limits	
Not specified on individual ingredients	
8.4. Personal protection	
Respiratory	None
Hand protection	Not required
Eye Protection	Wear goggles if risk of major splashing into eyes
Skin Protection	Not required
Other	Evaluate the need of protection based on the application of the product

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties	
Physical State	Liquid
Colour	Beigh to Golden Slightly Hazy Liquid
Odour	Oil/Soap
Flash point	> 340°C
Ph Level	8 - 10
Relative density	1.02
Boiling point	100
Vapour pressure	As per water
Solubility in water @ 20°C	Soluble in water and solvent
Auto ignition temperature	N/A

10. STABILITY AND REACTIVITY

10.1. Reactivity
The product is stable under normal storage conditions
10.2. Conditions to avoid
None
10.3. Materials to avoid
Oxidising agents
10.4. Polymerisation hazard
Will not occur

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects	
General	Product is not toxic
Acute LD50	No data available
Mutagenicity	No data available
Carcinogenicity	Not carcinogenic

12. ECOLOGICAL INFORMATION

12.1. Biodegradability
Biodegradable
12.2. Precautions
Prevent surface contamination of soil, ground and surface water

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
Recover the product where possible or bury in authorised landfill sites according to local authority regulations. Avoid disposing large quantities into the drainage systems and into the environment

14. TRANSPORT INFORMATION

14.1. Road
N/A
14.2. Rail
N/A
14.3. Air
N/A
14.4. Sea
N/A

15. REGULATORY INFORMATION

15.1. Labels for Conveyance
N/A
15.2. Labels for Supply
N/A