



LIGHTNING PRODUCTS PTY LTD

ABN 56 004 439 669

MATERIAL SAFETY DATA SHEET

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Date of issue: 30-01-2012
Emergency Telephone Number:
(03) 8368 2522 BH only



IDENTIFICATION

PRODUCT NAME : **HANDSAN LOTION SOAP**

STATEMENT OF HAZARDOUS NATURE

Based on available information, not classified as Hazardous according to the criteria of Worksafe Australia

MANUFACTURER'S PRODUCT CODE : 166
U.N. NUMBER : N/A
DANGEROUS GOODS CLASS : N/A
POISONS SCHEDULE : N/A
HAZCHEM CODE : N/A
SUBSIDIARY RISK : N/A
PACKAGING GROUP : N/A

PRODUCT USE

A thick liquid antibacterial soap for washing hands. Gives a rich lather. Ideal for wall top fill dispensers and medium soil conditions. Rinse hands with potable water after use

PHYSICAL DESCRIPTION/PROPERTIES

APPEARANCE : Viscous blue/green liquid.
BOILING POINT/MELTING POINT : No data.
FLASHPOINT : Greater than 61°C
FLAMMABILITY LIMITS : No data.
VAPOUR PRESSURE : No data.
SOLUBILITY IN WATER : Soluble at all concentrations.
SPECIFIC GRAVITY : 1.003

OTHER PROPERTIES

pH (neat) : 9.0 - 9.5

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INGREDIENTS

(All regulated ingredients included)

CHEMICAL ENTITY	CAS NO.	PROPORTION
Oleic Acid	[112-80-1]	1-10% w/w
Distilled Fatty Acid	[67701-06-8]	1 - 5% w/w
AlkylBenzene Sulphonic Acid	[68584-22-5]	1 - 5% w/w
Triethanolamine	[102-71-6]	1 - 5% w/w
Triclosan	[3380-34-5]	0.2% w/w
Other non Hazardous Ingredients		To 100%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

(NOTE:- More detailed information on individual ingredients - next page).

ACUTE:

- Swallowed : Considered to be of low toxicity. May cause gastric upset if large amount swallowed.
- Eyes : Mild irritant.
- Skin : Safe on hands.
- Inhaled : Low hazard via this route.

CHRONIC: No known chronic disorders.

FIRST AID

- Swallowed : DO NOT induce vomiting. Give a glass of water. If upset seek medical advice.
- Eyes : Hold eyes open and flush with water 15 minutes. If irritation occurs and persists, seek medical advice.
- Skin : Rinse affected area with water.
- Inhaled : Not required.

First Aid Facilities: No extraordinary requirements.

ADVICE TO DOCTOR

Treat symptomatically.

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**HEALTH HAZARD INFORMATION ON INDIVIDUAL
HAZARDOUS INGREDIENTS**

NOTE:- In the final mixture, the hazards of an ingredient can be modified. The below information needs to be interpreted as such:-

OLEIC ACID

Generally regarded as non-toxic.

Acute toxicity data (oleic acid)

iv LD50 (rat) : 74000mg/kg

iv LD50 (mouse) : 230mg/kg

iv LDLO (rat) : 50mg/kg

NOTE:- These acids are neutralised into soaps in this product.

TRIETHANOLAMINE

The neat and pure material is a mild skin irritant and strong eye irritant. Not normally an inhalation risk due to low vapour pressure at ambient temperature. Ingestion produces gastrointestinal irritation with haemorrhage and congestion of intestines. Reversible liver and kidney damage has been demonstrated in animals from chronic exposure.

ORAL LD50 (rat) : 8680mg/kg

NOTE:- Triethanolamine is used to neutralise other ingredients in the product and thus the health effects are significantly diminished and altered.

ALKYL BENZENE SULPHONIC ACID

The pure and neat material is a corrosive acid - corrosive to skin, eyes and all tissues.

NOTE:- This acid is neutralised in the product to eliminate the corrosive properties and thus health effects are diminished and altered in the formulated product.

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PRECAUTIONS FOR USE

EXPOSURE STANDARDS : None established. Considered to be a low hazard product.

ENGINEERING CONTROLS: Not required.

PERSONAL PROTECTION : Not normally required.

FLAMMABILITY : Non-flammable.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT : No special precautions.

SPILLS AND DISPOSAL : Mop up or flush to sewer with water.

FIRE/EXPLOSION HAZARD : No known hazardous decomposition products.

FIRE FIGHTING METHOD : Water Spray, Foam or Dry Chemical.

OTHER INFORMATION

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