

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

Product name: Tensopol A79

Chemical names: Sodium Alkyl Sulphate: Sodium Lauryl Sulphate: Sodium C10-C16 Alkyl Sulphate.

Mean Molecular Weight: 296

Formula: CH<sub>3</sub> - (CH<sub>2</sub>)<sub>n</sub> - OSO<sub>3</sub>Na

Product code: SLSN

SUPPLIER: The Soap Kitchen, 11a South Street, Torrington, Devon, EX38 8AA.

Emergency Tel No: 01805 622944 Emergency Contact: Mr. Richard Phillips.

## 2. COMPOSITION / INFORMATION ON INGREDIENTS.

Definition/Botanical Origin:

H-No: CAS No: 68955-47-7

Status:

CoE No: FEMA:

Additives:

FDA: IFRA:

Application: Cosmetics, skin care.

RIFM: EINECS: 271-557-7

RTECS:

INCI name: Sodium Lauryl Sulphate

FCCIV:

Labelling Information: IRRITANT: R38 Irritating to skin: R41 Risk of serious damage to eyes.

## 3. HAZARDS IDENTIFICATION:

Physico-chemical Effects: Dust from this product may be capable of igniting and propagating a flame.

Health Effects: Inhalation. May cause irritation of the nose, throat and respiratory tract.

Health Effects: Ingestion. Low order of acute oral toxicity.

Health Effects: Skin. May cause significant skin irritation. Signs and symptoms include redness and/or itching of the skin.

Health Effects: Eyes. May cause severe damage to the eyes accompanied by redness and/or burning which may be severe with tear formation.

Environmental Effects: Not expected to cause significant environmental impact.

## 4. FIRST-AID MEASURES:

INHALATION: Remove from exposure. Keep warm and at rest. Seek medical Attention if you feel unwell.

EYE CONTACT: Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention urgently.

SKIN CONTACT: Wash skin thoroughly with soap and water. Remove contaminated clothing as washing proceeds. Obtain medical attention if blistering occurs or redness persists.

INGESTION: Wash out mouth with water. Don not induce vomiting. Keep warm and at rest. Seek medical attention.

ADVICE TO PHYSICIAN: Treat symptomatically.

## 5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA	Use water spray, CO <sub>2</sub> , Dry Powder or Foam type Extinguishers.
RECOMMENDED:	Avoid using large quantities of water.
SPECIAL MEASURES:	Fumes containing CO <sub>2</sub> and CO <sub>4</sub> and Sulphur Dioxide may be formed in large fires. May make floor very slippery. Dust from this product may be capable of igniting and propagating a flame.
EXTINGUISHING PROCEDURES:	Wear self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS:	Avoid contact with skin eyes and clothes. Wear personal protective equipment (see section 8). Wear respiratory protection. Material can be slippery underfoot.
ENVIRONMENT PRECAUTIONS:	Keep away from drains, soils, surface & groundwaters.
SPILLAGES:	Wearing personal protective equipment, transfer material into a container for recovery. If recovery is not possible, dispose of through an approved waste disposal facility according to local laws and regulations. Avoid creating a dust.

## 7. HANDLING & STORAGE.

PRECAUTIONS IN HANDLING:	Use in well ventilated areas. Avoid creating dust. Avoid inhaling dust. Avoid contact with eyes, skin and clothing.
STORAGE CONDITIONS:	Store in tightly closed original container when not in use. Storage area should be cool and dry.
FIRE PROTECTION:	Keep away from ignition sources & naked flames. Store according to hazard classification.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

RESPIRATORY PROTECTION:	Face mask with suitable filter or powered respirator.
HAND PROTECTION:	PVC gauntlets.
EYE PROTECTION:	Full face visor.
BODY PROTECTION:	Protective overalls and safety shoes/boots.

## 9. PHYSICAL & CHEMICAL PROPERTIES.

COLOUR:	pale cream
APPEARANCE:	Needles
ODOUR:	None
SOLUBILITY IN WATER:	(20 degC) ca.250 g/l
DENSITY (KG/M <sub>3</sub> ):	ca. 0.50
PH:	(20 degC) (10g/l): 9.0 - 10.5

## 10. STABILITY & REACTIVITY.

REACTIVITY:	Stable under normal conditions. Hydrolised by strong acids. May react with strong oxidants. If pH falls an exothermic reaction may occur releasing sulphuric acid. Dust from this product may be capable of igniting and propagating a flame.
MATERIALS TO AVOID:	Acids: Strong oxidising agents: Hazardous decomposition products. Combustion will generate oxides of carbon and oxides of sulphur.

## 11. TOXICOLOGICAL INFORMATION.

TOXICOLOGICAL OVERVIEW:	The following assessment is based upon data generated by CESIO - the European Surfactants Association.
ACUTE TOXICITY:	Oral: Low order of acute toxicity. LD50(oral rat)>2000mg/Kg. Not classified as "Harmful if swallowed" May cause some irritation to the mouth and upper digestive tract.
IRRITATION - INHALATION:	May cause irritation to the nose, throat and respiratory tract.
IRRITATION - SKIN:	This material is irritant to the skin.
IRRITATION - EYES:	Expected to cause serious damage to the eye (possible irreversible).

## 12. ECOLOGICAL INFORMATION.

BIODEGRADABILITY:	Readily biodegradable with respect to EC criteria.
MOBILITY:	This product will dissolve in water.
ECOTOXICITY:	This product is toxic to aquatic organisms.
BIO-ACCUMULATION:	This product is surface active; Log Pow inappropriate.


## 13. DISPOSAL CONSIDERATIONS.

Avoid contact with eyes, skin and inhalation. See section 8 for personal protective equipment. Where practical, waste or surplus should be recovered and recycled. Do not wash into drains. Do not mix with other waste materials. Dispose of in accordance with local and national regulations. Seek advice from local waste authority. Dispose of containers with care. Containers should not be treated as household waste.

## 14. TRANSPORT REGULATIONS.

Road (ADR/RID):	n/a
SEA (IMDG):	n/a
AIR (IATA):	n/a
CHIP:	See section 15

## 15. REGULATORY INFORMATION. According to Directive 88/379/EEC

HAZARDS:	Irritant 
SYMBOLS:	
RISK PHRASES:	R38 Irritating to skin: R41 Risk of serious damage to eyes.
SAFETY PHRASES:	S22 Do not breathe dust: S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice: "39 Wear eye/face protection.

## 16. OTHER INFORMATION.

This product is classified on the basis of information compiled by CESIO on the toxicological properties of surfactants.

The uses of this product include: Surfactants. Cleaning, washing agents. Toiletries. Dispersion agents. Foaming agents. Wetting agents.

## PACKAGING:

## SHELF LIFE

## Q.C. REQUIREMENTS.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.