

# **KAPACHIM S.A.**

## **CHEMICAL PRODUCTS**

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**REVISED DATE:16/02/09**

### ***SAFETY DATA SHEET***

#### **1. TRADE NAME :ALKOLET L 70**

Manufacturer : **KAPACHIM S.A.**

**OFFICE: Greece-Athens**

**N.Ionia El.Venizelou 128**

**Tel. (210) 2714086 Fax. (210) 2794434**

Supplier: **KAPACHIM S.A.**

E.U. Declaration name : **SODIUM LAURETH SULFATE**

E.U. R & S Codes: **R38 / R41 / S26/ S37/39 /S46**

E.U. Danger Catalogue: **Xi Irritant**

#### **2. Hazards Identification**

May cause some irritation to the mouth and upper digestive tract.

May cause significant skin irritation especially if exposure is prolonged and/or repeated.

May cause significant eye irritation.

#### **3. Composition**

| <b>% WW</b>    | <b>Label Declaration Name:</b>   | <b>EINECS</b>                | <b>CAS No</b>     |
|----------------|--|------------------------------|-------------------|
| —              |  |                              |                   |
| <b>30 ± 2%</b> | <b>Water H2O</b>   | <b>231-792-2</b>             | <b>7732-18-5</b>  |
|                | <b>SODIUM LAURYL ETHER SULPHATE</b>                                    |                              | <b>68891-38-3</b> |
| <b>70 ± 2%</b> | <b>R-O-(CH<sub>2</sub>CH<sub>2</sub>O)<sub>2</sub>SO<sub>3</sub>Na</b> | <b>No longer<br/>polymer</b> |                   |

#### **4. First Aid**

In case of skin contact:

Wash with soap and water.

In case of eye contact:

\*Rinse away thoroughly with water at least for 15 minutes.

In case of ingestion:

\*Give one or two glasses of water or drink to milk.

Never give anything by mouth to an unconscious person.

SEEK IMMEDIATE MEDICAL ASSISTANCE FROM A DOCTOR IN CASES MARKED(\*) ABOVE (If not marked in this way, seek medical advise if adverse reaction occurs and persists).

**ALKOLET L 70****5. Fire - fighting Measures**

Fumes containing carbon dioxide, carbon monoxide, Sulphur dioxide and oxides of nitrogen may be formed in large fires.

Use power, foam, sand, water spray.

Avoid using large quantities of water.

In case of fire, self contained breathing apparatus should be worn.

**6. Accidental Release Measures**

Contain and collect spillage.

Absorb on to sand/ kieselguhr

Failure to contain release must be reported to the local authority and KAPACHIM should be notified.

May make floor very slippery.

Wear impervious gloves/overalls and eye protection while clearing up the spillage.

Do not wash into the drains.

Place in plastic barrels for disposal.

Do not mix with other waste materials.

Dispose of in accordance with Federal, State and local authority regulations.

Seek advice from the local waste authority or contact KAPACHIM for quittance.

**7. Handling and Storage**

Store in plastic, plastic lined or stainless steel, tightly closed containers at between 5 and 40 degrees Centigrade.

Do not store close to strong oxidising agents which could aggravate any fire situation.

**8. Exposure control / Personal protection**

Avoid contact with eyes, skin or clothes.

Working procedures should be designed to minimise worker exposure to this product.

Where this is not possible the following personal protective equipment should be provided.

- Skin protection : Protective overalls and shoes/boots recommended
- Hand protection : Impervious gloves recommended
- Eye protection : Safety goggles recommended
- Respiratory protection : Not required

All personal protective equipment must comply with the appropriate EEC (CE) standards and should be maintained and stored to ensure continued suitability for use. Where necessary workers should be trained in the effective use of the personal protective equipment provided.

No exposure standards have been set for the substances present in this product.

## 9. Physical and chemical properties

Appearance : viscous liquid pale straw  
Odour : characteristic  
Melting Point/Melting Range : 3-8 °C  
Boiling Point/ Boiling Range : ca. 100°C  
Density (20°C) : ca. 1.10 g/cm<sup>3</sup>  
Viscosity (25°C) : 20000 mPa.s  
Water Solubility (20°C) : >160 g/l  
Solubility in Isopropanol(20°C) : Dispersible. g/l  
pH Value(at 10g/l H<sub>2</sub>O) (20°C) : 7.0-9.0  
Flash Point (°C) : Not applicable (aqueous solution) °C

## 10. Stability and Reactivity:

Thermal decomposition: Do not heat over 100°C, contains water.  
Hazardous decomposition products: Are not produced.  
Hazardous reactions: No typical hazardous reactions known.  
Further information: Anionic character.

## 11. Toxicological Information:

Acute toxicity: ACUTE ORAL TOXICITY: LD<sub>50</sub>>2000mg/kg(OECD 401, Rats).  
Irritance/Corrosivity: SKIN IRRITATION: mild.  
EYE IRRITATION: Strong irritant.  
Contact sensitisation: SKIN SENSITISATION: Non sensitizer (OECD 406, Guinea pig).  
Additional information: Bacterial Mutation Assay (Ames Test): Negative (S. typhimurium, TA98, TA100, TA1535, TA1537; OECD 471)

## 12. Ecological Information:

### Primary degradation:

According to the requirements of the EU Mandatory Standards for Detergents 82/242 (non-ionic surfactants) and 82/243/EEC (anionic surfactants) the surfactants contained in the products are biodegradable to at least 90% on average.

### Ultimate biodegradation:

Readily and rapidly degradable. All organic substances contained in the product achieve >60% BOD/COD or CO<sub>2</sub> liberation, or >70% DOC reduction in tests for ease of degradability. Threshold values for readily degradable (e.g. to OECD method 301) are reached.

The surfactant(s) contained in this product comply with the biodegradability criteria as laid down in regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**13. Disposal Consideration:**

When disposing of waste or surplus material avoid contact with the eye and skin.  
Wear impervious gloves/overalls and goggles.  
Do not wash into the drains.  
Do not mix with other waste materials.  
Dispose of in accordance with Federal, State and local authority regulations.  
Seek advice from the local waste authority or contact Kapachim S.A. for guidance.

**14. Transport Information:**

UN No: \_\_\_\_\_  
Packing Group: \_\_\_\_\_  
Shipping name: \_\_\_\_\_

|             |     |     |
|-------------|-----|-----|
| ROAD & RAIL | SEA | AIR |
|-------------|-----|-----|

Hazard Symbol: \_\_\_\_\_  
\_\_\_\_\_

ADR/RID Class: \_\_\_\_\_ N.R. IMDG Class: N.R.  
ICAO/IATA Class: \_\_\_\_\_ N.R.

Hazard No : \_\_\_\_\_ EMS No : \_\_\_\_\_

Other : \_\_\_\_\_ MFAG No : \_\_\_\_\_

N.R.: It is a Not regulated product with transport regulations.

**15. Regulatory information:**

This preparation is classified according to the criteria laid down in the EEC Directives on the Control of Dangerous Substances and Preparations.



**Irritant**

R38 : Irritating to skin  
R41 :Risk of serious damage to eyes

S26 : In case of contact with eyes, rinse immediately with plenty of water.  
Seek medical advice.  
S37/39: Wear suitable gloves and eye/face protection.  
S46 : If swallowed ,seek medical advice immediately and show the container or Label.

PRODUCT LABEL INFORMATION ON HEALTH AND SAFETY ACCORDING TO EU REGULATION.

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

**16. Other Information:**

The above product is not classified as dangerous