

# **KAPACHIM S.A.**

## **CHEMICAL PRODUCTS**

OFFICE: N. IONIA - 128 El. Venizelou. 142 31 Tel. 27.14.086 fax: 27.94.434  
FACTORY: VIOTIA - INOFITA .320 11 Tel. (0262) 31.912 fax: (0262) 31.898  
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### **SAFETY DATA SHEET**

#### **1. TRADE NAME :ALKOLET L27-2S/C**

Manufacturer : **KAPACHIM S.A.**

**OFFICE: Greece-Athens**  
**N.Ionia El.Venizelou 128**  
**Tel. (01) 2714086 Fax. (01) 2794434**

Supplier: **KAPACHIM S.A.**

E.U. Declaration name : **SODIUM ALCOHOL ETHOXY (2EO)SULFATE**

E.U. R & S Codes: **R36/38 / R41 / S26**

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**

% WW	Label Declaration Name:	EINECS	CAS No
71%± 1%	Water H2O	231-792-2	7732-18-5
	<b>SODIUM ALCOHOL ETHOXY (2EO) SULFATE</b>		<b>68891-38-3</b>
27,5% ± 1%	R-O-(CH <sub>2</sub> CH <sub>2</sub> O) <sub>2</sub> SO <sub>3</sub> Na		No longer polymer

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

Wash out mouth with water. Do not induce vomiting. Seek medical advice.

Wash the skin with soap and water. Seek medical attention if skin appears damaged.

Immediately wash out the eye with plenty of water for at least 10 minutes holding the eye open. Seek medical attention if symptoms persist.

**ALKOLET L 27-2S/C****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, and 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 guidance.

**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                      Set point °C  
Melting Point/Melting Range : °C  
Boiling Point/ Boiling Range : ca. 100°C  
Relative Density (20°C) : ca. 1.05  
Viscosity (25°C) : ca. 100 m Pa.s  
Water Solubility (20°C) : Fully miscible  
Solubility in lower alcohols : Fully miscible @ 20 °C  
pH (20°C) (50gl) : ca. 7,5  
Flash Point (°C) : X

“ X ”= Not Applicable

## 10. Stability and Reactivity:

If the pH falls an exothermic reaction may occur releasing sulphuric acid.  
May react with strong oxidants.

## 11. Toxicological Information:

LD50 (oral rat) >2000 mg/Kg  
Not classified as ``Harmful if swallowed``. May cause some irritation of the mouth and upper digestive tract.  
May produce significant skin irritation after prolonged contact.  
May cause significant eye irritation.

## 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.

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

ADR/RID Class: \_\_\_\_\_ IMDG CODE: \_\_\_\_\_  
ICAO/IATA Class: \_\_\_\_\_

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

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

**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**

- R36/38 : Irritating to eyes and skin
- R41 : Risk of serious damage to eyes
- S26 : In case of contact with eyes, rinse immediately with plenty of water.  
Seek medical advice.

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

UK 8-Hr. TWA	2ppm	2,5 mg m <sup>-3</sup>
UK 15- minute STEL	2ppm	2,5 mg m <sup>-3</sup>

**ALKOLET L 27-2S/C**

**16. Other Information:**

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