

# **KAPACHIM S.A.**

## **CHEMICAL PRODUCTS**

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### **SAFETY DATA SHEET**

1. **FORAGILE KS 70 Na**  
**Mixture of nonionics and soaps**  
**Aqueous solution 67%**

#### **2. Composition / Information on ingredients:**

		CAS No	
>30%	Alcohol Ehoxylate - Propoxylate	69013-18-9	Xi R36/38
15 - 30%	Coconut Fatty Acid Sodium Salt	61789-31-9	



**Irritant**

#### **3. 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.

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

Wash out mouth with water. Do not induce vomiting. Seek medical advice.  
Wash the skin with soap and water.  
Immediately wash out the eye with plenty of water for at least 10 minutes holding the eye open.  
Seek medical attention if symptoms persist.

**5. Fire-fighting Measures:**

Fumes containing carbon dioxide, carbon monoxide, may be forms in large fires.  
Use powder, foam, sand, water spray.  
Avoid using large quantities of water.

**6. Accidental Release measures:**

Contain and collect spillage.  
Absorb on to sand  
Failure to contain release must be reported to the local authority and Kapachim S.A. 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 S.A. 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 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 : liquid paste pale straw  
Odour : characteristic Set point (°C): ca 4  
Melting Point/Melting range : < 0 -10 °C  
Boiling Point/ Boiling range : > 100 °C  
Relative Density (25°C) : ca. 1.0  
Viscosity (20°C) : x m.Pa.s.  
Water Solubility (20°C) : fully miscible  
pH (20°C) (50g/l) :8 -9  
Flash Point (°C) : X

`X`= Not Applicable

**10. Stability and Reactivity:**

May react with strong oxidants.

D e c o m p o s I t I o n

Can occur above 100 degC after loss of any volatile components

**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.

In experimental studies causes significant eye irritation with the possibility of persistent effects.

**12. Ecological Information:**

Do not release into surface waters.

**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
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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 product 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.

S 26 : 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.

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

**16. Other Information:**

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