

Product name:
KS SOAP

SAFETY DATA SHEET

1. Identification of the substance or mixture and of the supplier

Product name:
KS SOAP

Product No.: B0002405

Recommended use of the chemical and restrictions on use

Recommended use: Not known.

Restrictions on use: Not known.

Manufacturer/Importer/Supplier/Distributor Information

Manufacturer

Company Name: Kao Corporation
Address: 1-3, Bunka 2-chome, Sumida-ku, Tokyo 131-8501 Japan
Telephone: +81-3-5630-7700
Fax: +81-3-5630-7889
Contact division: Chemical Business
E-mail: chemical@kao.co.jp

Emergency telephone number: 81-3-5630-7700

2. Hazard(s) identification

GHS classification

Environmental Hazards

Acute hazards to the aquatic environment Category 3

Unknown toxicity - Environment

Acute hazards to the aquatic environment 0 %

Chronic hazards to the aquatic environment 90 %

Label Elements

Pictograms: No symbol

Signal Word: No signal word

Hazard Statement: Harmful to aquatic life.

Precautionary Statements

Prevention: Avoid release to the environment.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER/doctor if you feel unwell.

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Storage: -
Disposal: Passed to a licensed waste contractor.
Other hazards which do not result in GHS classification: None.

3. Composition/information on ingredients

Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)
C14-18、C16-18 不飽和脂肪酸鉀鹽 Fatty acids, C14-18 and C16-18-unsatd., potassium salts	-	68002-80-2	90%

4. First-aid measures

Description of first aid measures

Inhalation: Remove person to fresh air and keep comfortable for breathing.
Skin Contact: Gently wash with plenty of soap and water.
Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.
Personal Protection for First-aid Responders: No data available.

Most important symptoms and effects, both acute and delayed

Symptoms: No data available.
Hazards: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: Get medical attention if symptoms occur.

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Water spray, powder
Unsuitable extinguishing media: No data available.

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Special hazards arising from the substance or mixture: No data available.

Special protective equipment and precautions for fire-fighters

Special fire-fighting procedures: Keep away from sources of ignition and use appropriate extinguishing media. Fight fire from upwind position if possible. Do not flow the materials causing adverse effects into the environment with effluent fire extinguishing agents.

Special protective equipment for fire-fighters: Use goggles in combination with dust mask, and other protections as appropriate to situation.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Use goggles and protective gloves. Large spills : Remove person to safety. Ensure adequate ventilation.

Accidental release measures: No data available.

Methods and material for containment and cleaning up: Sweep or vacuum spills to drums or containers.

Environmental Precautions: Avoid release to the environment.

7. Handling and storage

Handling

Technical measures: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Local/Total ventilation: Use an adequate ventilation.

Safe handling advice: Use an adequate ventilation. Wash thoroughly after handling. If needed, use personal protective equipment as required.

Contact avoidance measures: No data available.

Storage

Safe storage conditions: Keep container tightly closed. Store in a well-ventilated place.

Safe packaging materials: No data available.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

Product: None of the components have assigned exposure limits.

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Engineering measures: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use an adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection: Safety glasses
Hand Protection: Material: Rubber gloves
Skin and Body Protection: Full-body suit
Respiratory Protection: Use as appropriate to situation.
Hygiene measures: No data available.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Physical state: Solid
Form: Needles
Color: White to light yellow
Odor: Slight characteristic odor
Odor Threshold: No data available.
Melting Point: No data available.
Boiling Point: No data available.
Flammability: No data available.
Upper/lower limit on flammability or explosive limits
Explosive limit - upper: No data available.
Explosive limit - lower: No data available.
Flash Point: No data available.
Auto-ignition temperature: No data available.
Decomposition Temperature: No data available.
pH: No data available.

Viscosity

Dynamic viscosity: No data available.
Kinematic viscosity: No data available.
Flow Time: No data available.

Solubility(ies)

Solubility in Water: Very Soluble
Solubility (other): Partially soluble in ethanol
 Partially soluble in methanol

Partition coefficient (n-octanol/water): No data available.

Vapor pressure: No data available.

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Relative density:	No data available.
Density:	0.826 g/ml at 30.0 °C/86.0 °F
Relative Vapor density:	No data available.
Particle characteristics	
Particle Size:	No data available.
Particle Size Distribution:	No data available.

10. Stability and reactivity

Reactivity:	No data available.
Chemical Stability:	Stable in general.
Possibility of hazardous reactions:	Has no self-reactivity.
Conditions to avoid:	No data available.
Incompatible Materials:	No data available.
Hazardous Decomposition Products:	No data available.

11. Toxicological information

Acute toxicity (list all possible routes of exposure)

Oral Product:	No data available. Not classified based on available data of component(s).
Dermal Product:	No data available. Not classified based on available data of component(s).
Inhalation Product:	Dust and mist: Classification not possible due to insufficient data. Vapour: No data available. Not classified based on available data of component(s).
Skin Corrosion/Irritation Product:	No data available. Not classified based on available data of component(s).
Serious Eye Damage/Eye Irritation Product:	No data available. Not classified based on available data of component(s).
Respiratory or Skin Sensitization Product:	Skin: No data available. Not classified based on available data of component(s). Respiratory: Classification not possible due to insufficient data.

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Carcinogenicity

Product: No data available.
 Not classified based on available data of component(s).

Germ Cell Mutagenicity

In vitro
Product: No data available.
 Not classified based on available data of component(s).

In vivo
Product: No data available.
 Not classified based on available data of component(s).

Reproductive toxicity

Product: No data available.
 Not classified based on available data of component(s).

Specific Target Organ Toxicity - Single Exposure

Product: Classification not possible due to insufficient data.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.
 Not classified based on available data of component(s).

Aspiration Hazard

Product: No data available.

Other effects: No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish
Product: No data available.

Aquatic Invertebrates
Product: No data available.

Toxicity to Aquatic Plants
Product: No data available.

Components:

C14-18、C16-18 不飽和脂肪 酸鉀鹽 Category 3 (42)
 Fatty acids, C14-18 and
 C16-18-unsatd., potassium
 salts

Chronic hazards to the aquatic environment

Fish
Product: Classification not possible due to insufficient data.

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Aquatic Invertebrates

Product: Classification not possible due to insufficient data.

Persistence and Degradability

Biodegradation

Product: No data available.

BOD/COD Ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Partition Coefficient n-octanol / water (log Kow)

Product: No data available.

Mobility in soil:

No data available.

Other adverse effects:

No data available.

13. Disposal considerations

Disposal methods:

Review "HANDLING AND STORAGE (Section 7)". Passed to a licensed waste contractor.

Contaminated Packaging:

No data available.

14. Transport information

IATA

Not Regulated.

IMDG

Not Regulated.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

Domestic Standard: In compliance with domestic law.

15. Regulatory information

National regulatory information:

Regulations on Occupational Safety and Health Facilities

Standards for the Storage, Cleanup, Handling and Disposal of Industrial Waste.

Regulations on Labelling and Hazard Communication of Hazardous Chemicals

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Inventory Status:

US TSCA Inventory:	On or in compliance with the inventory
Canada DSL Inventory List:	On or in compliance with the inventory
Australia AICS:	On or in compliance with the inventory
Korea Existing Chemicals Inv. (KECI):	Contact us for information
Japan (ENCS) List:	On or in compliance with the inventory
Japan ISHL Listing:	On or in compliance with the inventory
Philippines PICCS:	On or in compliance with the inventory
China Inv. Existing Chemical Substances:	On or in compliance with the inventory
REACH (EU):	Contact us for information
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory

16. Other Information

Version #: 2.0
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Organization that prepared the SDS and SDS Author:

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Further Information: No data available.

References: No data available.

Revision Information Not relevant.

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Reference:
 (42): Classification and Labelling of Surfactants (CESIO)