

Product name:
SORBITOL KAO

CHEMICAL PRODUCT SAFETY DATA SHEET

Prepared in accordance with GB/T 16483 and GB/T 17519.

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

Product name:

SORBITOL KAO

Product No.: B0002769

Recommended use and restriction on use

Recommended use: Sorbitol

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

Emergency Overview: Colorless clear Viscous liquid. Hazard statements: Not classified
Notes to physician: Get medical attention if symptoms occur.

GHS classification

Not classified

Label Elements

The substance or product does not require a hazard warning label in accordance with the GHS directive.

Pictograms: No symbol

Signal Word: No signal word

Hazard Statement: Not applicable

Prevention: Wash thoroughly after handling. If needed, use personal protective equipment as required.

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: Store in a well-ventilated place.

Disposal: -

Other hazards which do not result in GHS classification: None.

Physical and Chemical Hazards: None.

Health Hazards: None.

Environmental Hazards: None.

3. Composition/information on ingredients

Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)
D-Sorbitol	-	50-70-4	70%

Composition Comments: No hazardous ingredients.

4. First-aid measures

Description of necessary 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: Powder, alcohol-resistant foam, water spray, carbon dioxide, sand

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Unsuitable extinguishing media:	No data available.
Special hazards arising from the substance or mixture:	No data available.
Special protective equipment and precautions for firefighters	
Special fire fighting procedures:	Keep away from sources of ignition and use appropriate extinguishing media. Fight fire from upwind position if possible. Product itself is non-combustible.
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.
Methods and material for containment and cleaning up:	Small spills: Absorb spills with sand, inert absorbent, waste cloth or sawdust. Then wipe up remainder in waste cloth. Large spills: Dike spills and dispose of in safe area.
Environmental Precautions:	Do not discharge into the drains, surface waters or ground water directly.
Prevention of secondary hazards:	No data available.

7. Handling and storage

Handling

Technical measures (e.g. Local and general ventilation):	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use an adequate ventilation.
Safe handling advice:	Under heating this material is inferior in quality. 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.

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8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits.

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

Monitoring methods: No data available.

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: Liquid

Form: Viscous liquid

Color: Colorless clear

Odor: No data available.

Odor Threshold: No data available.

Freezing point: < 68 °F/20 °C

Boiling Point: 221 °F/105 °C

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: Not detected

Self Ignition Temperature: No data available.

Decomposition Temperature: No data available.

pH: 5.5 - 7 (50% aqueous solution)

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): No data available.

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Partition coefficient (n-octanol/water):	No data available.
Vapor pressure:	No data available.
Relative density:	No data available.
Density:	1.3 g/ml (77 °F/25 °C)
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:	Material is stable under normal conditions.
Conditions to avoid:	No data available.
Incompatible Materials:	No data available.
Hazardous Decomposition Products:	No special hazardous and harmful combustion or decomposition.

11. Toxicological information

Acute toxicity (list all possible routes of exposure)

Oral

Product:	LD 50 (Mouse, Male): 23.2 g/kg LD 50 (Mouse, Female): 25.7 g/kg Not classified based on available data.
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Dermal

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

Product:	Dusts, mists and fumes: Classification not possible due to insufficient data. Vapour: No data available. Not classified based on available data of component(s).
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Skin Corrosion/Irritation

Product:	No data available. Not classified based on available data of component(s).
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Serious Eye Damage/Eye Irritation

Product:	Classification not possible due to insufficient data.
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Respiratory or Skin Sensitization

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Product: Skin: Classification not possible due to insufficient data.
 Respiratory: Classification not possible due to insufficient data.

Carcinogenicity
Product: Classification not possible due to insufficient data.

Germ Cell Mutagenicity

In vitro
Product: Classification not possible due to insufficient data.

In vivo
Product: Classification not possible due to insufficient data.

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: Classification not possible due to insufficient data.

Other effects: No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish
Product: Classification not possible due to insufficient data.

Aquatic Invertebrates
Product: Classification not possible due to insufficient data.

Toxicity to Aquatic Plants
Product: No data available.

Chronic hazards to the aquatic environment

Fish
Product: Classification not possible due to insufficient data.

Aquatic Invertebrates
Product: Classification not possible due to insufficient data.

Toxicity to Aquatic Plants
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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 K_{ow})
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

IMDG
 Not regulated.

IATA
 Not regulated.

National Regulations

Domestic Standard: In compliance with domestic law.

15. Regulatory information

China. Catalog of Hazardous Chemicals

Not Regulated

China. Precursor Chemicals (Decree No. 445 of the PRC on Regulation for Administration of Precursor Chemicals, Appendix: Categories 1-3)

Not Regulated

China: CWC. Controlled Chemicals List (Regulations on the Administration of Controlled Chemicals, Decree No. 190, Dec. 27, 1995, as amended)

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Not Regulated

China. Explosive Precursor Hazardous Chemicals (Ministry of Public Safety, 2011 version)

Not Regulated

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

Should comply with local regulations in respect of this product.

16. Other Information

Issue Date: 08.03.2022

Version #: 1.0

Further Information: No data available.

Revision Information Not relevant.

Training information No data available.

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