

Product name:
LATEMUL ASK

SAFETY DATA SHEET

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

Product name:
LATEMUL ASK

Product No.: B0002417

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

Health Hazards

Serious Eye Damage/Eye Irritation Category 1

Unknown toxicity - Health

Acute toxicity, inhalation, dust or mist 30 %

Environmental Hazards

Acute hazards to the aquatic environment Category 1

Chronic hazards to the aquatic environment Category 1

Unknown toxicity - Environment

Acute hazards to the aquatic environment 0 %

Chronic hazards to the aquatic environment 0 %

Label Elements

Pictograms:

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Signal Word: Danger

Hazard Statement: Causes serious eye damage.
 Very toxic to aquatic life with long lasting effects.

Precautionary Statements

Prevention: Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. Collect spillage.

Storage: Store between 5 and 40 C. Do not freeze this product.

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 (%)
烷二酸 (C=1~10)、單烯基 (C=1~20) 衍生物、鹼金屬鹽 Alkanedioic(C=1~10) acid, mono-alkenyl(C=1~20)derivs., alkali metalsalts	-	Trade Secret	28%
甲醇 Methanol	-	67-56-1	2%

Trade secret information: A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

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. Immediately call a POISON CENTER/doctor.

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Ingestion: Immediately call a POISON CENTER/doctor.

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

Unsuitable extinguishing media: No data available.

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. 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.

Accidental release measures: No data available.

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: Avoid release to the environment.

7. Handling and storage

Handling

Technical measures: Facilities storing or utilizing this material should be equipped

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with an eyewash facility and a safety shower.

Local/Total ventilation: Use an adequate ventilation.

Safe handling advice: Avoid contact with eyes. Use an adequate ventilation. Wash thoroughly after handling. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using the product.

Contact avoidance measures: No data available.

Storage

Safe storage conditions: Keep container tightly closed. Store in a well-ventilated place. Store locked up. Store between 5 and 40 C. Do not freeze this product.

Safe packaging materials: No data available.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

Chemical Identity	Type	Form of exposure	Exposure Limit Values		Source
甲醇 Methanol	TWA		200 ppm	262 mg/m ³	TW OEL (12 2003)
	STEL		250 ppm	327.5 mg/m ³	TW OEL (06 2014)

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

Individual protection measures, such as personal protective equipment

Eye/face protection: Safety goggles

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: Liquid

Color: Pale yellow-brown, clear

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Odor:	Oil-like
Odor Threshold:	No data available.
Freezing point:	-2.5 °C/27.5 °F
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:	Not detected
Auto-ignition temperature:	No data available.
Decomposition Temperature:	No data available.
pH:	10.5(Undiluted solution)
Viscosity	
Dynamic viscosity:	22 mPa.s at 20 °C/68 °F 20 mPa.s at 30 °C/86 °F 19 mPa.s at 40 °C/104 °F
Kinematic viscosity:	No data available.
Flow Time:	No data available.
Solubility(ies)	
Solubility in Water:	Very Soluble
Solubility (other):	Insoluble in various organic solvents
Partition coefficient (n-octanol/water):	> 6(Measured)
Vapor pressure:	No data available.
Relative density:	No data available.
Density:	1.047 g/ml at 20 °C/68 °F 1.042 g/ml at 30 °C/86 °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:	No data available.
Possibility of hazardous reactions:	Reacts with acids. Has no self-reactivity.
Conditions to avoid:	No data available.
Incompatible Materials:	No data available.
Hazardous Decomposition Products:	No data available.

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11. Toxicological information

Acute toxicity (list all possible routes of exposure)

Oral

Product: LD 50 (Rat, Female, Male): > 8,834 mg/kg (OECD TG423)
 Not classified based on available data.

Dermal

Product: LD 50 (Rat, female) > 2,000 mg/kg (OECD TG402) Not classified
 Not classified based on available data.

Inhalation

Product: Vapour: ATEmix150 mg/l
 Dust and mist: Classification not possible due to insufficient data.

Skin Corrosion/Irritation

Product: OECD TG404 Rabbit, 4 h: Non irritant undiluted
 Not classified based on available data.

Serious Eye Damage/Eye Irritation

Product: OECD TG405 Rabbit: Severe undiluted

Respiratory or Skin Sensitization

Product: Skin sensitization, OECD TG406: GPMT Skin: (Guinea Pig): Negative
 Skin: Not classified based on available data.
 Respiratory: Classification not possible due to insufficient data.

Carcinogenicity

Product: Classification not possible due to insufficient data.

Germ Cell Mutagenicity

In vitro

Product: Ames test (TA98, TA100, TA1535, TA1537, WP2uvrA): Negative
 Chromosome Aberration test: Negative
 Micronucleus test: Negative
 Classification not possible due to insufficient data.

In vivo

Product: Classification not possible due to insufficient data.

Reproductive toxicity

Product: Classification not possible due to insufficient data.

Specific Target Organ Toxicity - Single Exposure

Product: Classification not possible due to insufficient data.

Components:

甲醇
 Methanol
 Category 1: visual organs, Central nervous system: (88)

Specific Target Organ Toxicity - Repeated Exposure

Product: Oral: Rat, 28 days repeated dose oral toxicity test (OECD TG407),
 NOAEL = 100 mg/kg/day(male), 100 mg/kg/day(female)
 Classification not possible due to insufficient data.

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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: LC 50 (Red Killifish, 96 h): 220 mg/l
 LC 50 (Oryzias latipes, 96 h): > 100 mg/l (OECD TG203)

Aquatic Invertebrates

Product: EC 50 (Daphnia, 48 h): 0.0224 mg/l (OECD TG202)

Toxicity to Aquatic Plants

Product: ErC50 (Alga, 72 h): 38.9 mg/l (OECD TG201)
 NOEC (Alga, 72 h): 7.55 mg/l (OECD TG201)

Chronic hazards to the aquatic environment

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Components:

烷二酸 (C=1~10)、單烯基 (C=1~20) 衍生物、
 鹼金屬鹽

Alkanedioic(C=1~10) acid,
 mono-alkenyl(C=1~20)
 derivs., alkali metalsalts

Persistence and Degradability

Biodegradation

Product: 88 % (29 d, OECD TG301B) Readily biodegradable
 74 % (28 d, OECD TG301F) Readily biodegradable

BOD/COD Ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Partition Coefficient n-octanol / water (log Kow)

Product: Log Kow: > 6 (Measured)

Mobility in soil: No data available.

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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

UN Number:	UN 3082
UN Proper Shipping Name:	Environmentally hazardous substance, liquid, n.o.s.(Alkanedioic(C=1~10) acid, mono-alkenyl(C=1~20)derivs., alkali metalsalts)
Transport Hazard Class(es)	
Class:	9
Label(s):	9MI (Miscellaneous)
Packing Group:	III
Passenger and cargo aircraft :	964
Limited quantity	None.
Excepted quantity	E1
Environmental Hazards	
Environmentally Hazardous:	Yes
Marine Pollutant:	No
Special precautions for user:	None.
Passenger and cargo aircraft:	Allowed. 964
Cargo aircraft only :	Allowed. 964

IMDG

UN Number:	UN 3082
UN Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Alkanedioic(C=1~10) acid, mono-alkenyl(C=1~20)derivs., alkali metalsalts)
Transport Hazard Class(es)	
Class:	9
Label(s):	9
EmS No.:	F-A, S-F
Packing Group:	III
Limited quantity	5.00L
Excepted quantity	E1
Environmental Hazards	
Environmentally Hazardous:	Yes
Marine Pollutant:	Yes
Special precautions for user:	None.

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.

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Emergency Response Guide Number: 171

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

Standards of Permissible Exposure Limits in Workplace

Rules on Road Traffic Safety

Inventory Status:

US TSCA Inventory:	On or in compliance with the inventory
Canada DSL Inventory List:	Not in compliance with the inventory
Australia AICS:	Not 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:	Not 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 #:	5.0
Revision Date:	2023.11.20
Issue Date:	2020.09.07

Organization that prepared the SDS and SDS Author:

SDS Author: Kao (Taiwan) Corporation
10 F., No. 207, Sec 3, Pei-Hsin Rd., Hsin-Tien District, New Taipei City
23143, Taiwan R.O.C.
Chin chang, Wen (Director) TEL: 886-2-8665-1930

Further Information: No data available.

References: No data available.

Revision Information Not relevant.

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Disclaimer:

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Reference:

- (21): Estimation
- (88): ECHA-REACH Registered Substances Database