

Product name:
LUNAC 8-98

SAFETY DATA SHEET

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

Product name:
LUNAC 8-98

Product No.: B0002434

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
Division: Chemical Business
E-mail: chemical@kao.co.jp

Emergency telephone number: 81-3-5630-7700

2. Hazard(s) identification

GHS classification

Physical Hazards

Corrosive to metal Category 1

Health Hazards

Skin Corrosion/Irritation Category 1

Serious Eye Damage/Eye Irritation Category 1

Environmental Hazards

Acute hazards to the aquatic environment Category 3

Label Elements

Pictograms:



Signal Word: Danger

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Hazard Statement: May be corrosive to metals.
 Causes severe skin burns and eye damage.
 Harmful to aquatic life.

Precautionary Statements

Prevention: Keep only in original packaging. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. This product may form partially precipitate according to the storage condition. In that case, please warm-up for melting, then use as homogeneous liquid.

Response: IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. Immediately call a POISON CENTER/doctor. Absorb spillage to prevent material damage.

Storage: Store in corrosive resistant container with a resistant inner liner. Store locked up.

Disposal: Passed to a licensed waste contractor.

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

3. Composition/information on ingredients

Substances

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)
Caprylic acid	-	124-07-2	

4. First-aid measures

Description of necessary first-aid measures

Inhalation: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.

Skin Contact: Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

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.

Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

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5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Powder, alcohol-resistant foam, carbon dioxide, sand

Unsuitable extinguishing media: No data available.

Specific hazards arising from the chemical: 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. 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: Keep away from sources of ignition and prepare extinguishing media.

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 (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. Iron is apt to rust. Plant equipment should be treated with rust-resist.

Safe handling advice: Keep away from source of ignition. Avoid contact with skin and eyes. This product may form partially precipitate according to the storage condition. In that case, please warm-up for melting, then use as homogeneous liquid. Use an adequate ventilation. Wash thoroughly after handling. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with bases.

Contact avoidance measures: No data available.

Hygiene measures: No data available.

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Storage

Safe storage conditions: Keep container tightly closed. Store in a well-ventilated place. Store in corrosive resistant container with a resistant inner liner. Store locked up. Keep away from source of ignition. Do not store with alkalis.

Safe packaging materials: No data available.

Storage Temperature: No data available.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits.

Engineering measures: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use an adequate ventilation. Iron is apt to rust. Plant equipment should be treated with rust-resist.

Individual protection measures, such as personal protective equipment

Eye/face protection: Safety goggles or Face shield

Hand Protection: Material: Gloves (acid-resistant)

Skin and Body Protection: Acid-resistant protective clothing

Respiratory Protection: Use chemical cartridge respirator for acids, 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(solid in winter(under 20C))

Color: Pale yellow

Odor: Fatty acid odor

Odor Threshold: No data available.

Freezing point: < 68 °F/20 °C

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: 271 °F/133 °C (Cleveland open cup)

Self Ignition Temperature: No data available.

Decomposition Temperature: No data available.

pH: No data available.

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Viscosity

Dynamic viscosity: No data available.

Kinematic viscosity: No data available.

Flow Time: No data available.

Solubility(ies)

Solubility in Water: Insoluble in water

Solubility (other): Soluble in ether
Soluble in chloroform and ethanol

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

Vapor pressure: No data available.

Relative density: No data available.

Density: No data available.

Relative vapor density: No data available.

Particle characteristics

Particle Size Distribution: Not applicable

Metal Corrosion: Corrosive to metal

10. Stability and reactivity

Reactivity: No data available.

Chemical Stability: No data available.

Possibility of hazardous reactions: Has no self-reactivity. Reacts with base.

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: Dusts, mists and fumes: 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.

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Passenger and cargo aircraft: Allowed. 852
 Cargo aircraft only: Allowed. 856

IMDG

UN Number:	UN 3265
UN Proper Shipping Name:	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.(Caprylic acid)
Transport Hazard Class(es)	
Class:	8
Label(s):	8
EmS No.:	F-A, S-B
Packing Group	III
Limited quantity	5.00L
Excepted quantity	E1
Environmentally Hazardous:	No
Marine Pollutant:	No
Special precautions for user:	Not regulated.

Emergency Response Guide(ERG) Numbers : 153

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

Rules on Road Traffic Safety

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):	Registered
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory

16. Other Information

Issue Date: 2021.07.02

Version #: 1.0

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

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Further Information: No data available.

References: No data available.

Revision Information Not relevant.

Disclaimer: To the best of the manufacturer's knowledge, the information contained herein is accurate. However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability (including liability for any direct, incidental, consequential, or other damages) with respect to the accuracy or completeness of the information contained herein. Such information may be (without limitation) invalid if the specified material is used in combination with another, in a particular process, or under unusual conditions. Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all risk and responsibility therefore. All materials may present unknown hazards and should be used with appropriate caution. The manufacturer cannot and does not guarantee that the hazards described herein are the only ones that exist. In the case of the product for fragrance, it's in accordance with the latest standard of IFRA within ordinary use. Contact with the supplier for detail information.

Reference:

- (3): IUCLID
- (88): ECHA-REACH Registered Substances Database