

# SAFETY DATA SHEET

## 1. Product and company identification

**Name of chemical (Product name):** EXCEPARL L-MA

**Product No.:** B0002076

### Manufacturer/Importer/Distributor Information

#### Information on domestic 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:

#### Health Hazards

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2

#### Environmental Hazards

Acute hazards to the aquatic environment	Category 1
Chronic hazards to the aquatic environment	Category 1

### GHS label elements

#### Pictograms:



**Signal Word:** Warning

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

- Prevention:** Avoid release to the environment. Wash thoroughly after handling. Wear protective gloves/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. If eye irritation persists: Get medical advice/attention. IF ON SKIN (or hair): Take off contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Call a POISON CENTER/doctor if you feel unwell. Collect spillage.
- Storage:** -
- Disposal:** Passed to a licensed waste contractor.

**Unknown toxicity - Health**

Acute toxicity, inhalation, dust or mist 100 %

**Unknown toxicity - Environment**

Acute hazards to the aquatic environment 0 %  
 Chronic hazards to the aquatic environment 0 %

**3. Composition/information on ingredients**

**Substances**

Chemical name or generic name	CAS number	ISHL	ENCS	Content in percent (%)
Lauryl methacrylate	142-90-5	(2)-1039	(2)-1039	

**4. First-aid measures**

**Description of necessary first-aid measures**

- Inhalation:** Remove person to fresh air and keep comfortable for breathing.
- Skin Contact:** If skin irritation occurs, get medical advice/attention. Flush skin with running water. Take off contaminated clothing and wash before re-use.
- Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms persist.
- Ingestion:** Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.

## 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.

**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.

**Prevention of secondary hazards:** Keep away from sources of ignition and prepare extinguishing media.

## 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.

**Safe handling advice:** Keep away from source of ignition. Use an adequate ventilation. Wash thoroughly after handling. Use personal protective equipment as required.

**Contact avoidance measures:** No data available.

**Hygiene measures:** No data available.

**Storage**

**Safe storage conditions:** Keep away from source of ignition. Keep container tightly closed. Store in a well-ventilated place.

**Safe packaging materials:** No data available.

**Storage Temperature:** No data available.

**8. Exposure controls/personal protection**

**Control Parameters**

**Occupational Exposure Limits**

None known.

**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.

**9. Physical and chemical properties**

**Appearance**

**Physical state:** liquid  
**Form:** Liquid  
**Color:** Colorless clear  
**Odor:** Odorless  
**Odor Threshold:** No data available.  
**pH:** 7 /5% suspension  
**Freezing point:** 14 °F/-10 °C  
**Boiling Point:** > 104 °F/40 °C  
**Flash Point:** 318 °F/159 °C (Cleveland open cup)  
**Evaporation Rate:** No data available.  
**Flammability:** No data available.  
**Explosive limit - upper:** No data available.  
**Explosive limit - lower:** No data available.  
**Vapor pressure:** No data available.  
**Relative vapor density:** No data available.

**Density:** 0.872 g/ml (68 °F/20 °C)  
 0.856 g/ml (104 °F/40 °C)  
 0.84 g/ml (140 °F/60 °C)

**Relative density:** No data available.

**Solubility in Water:** Insoluble in water

**Solubility (other):** Soluble in ethanol and n-hexane

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

**Self Ignition Temperature:** > 212 °F/100 °C

**Decomposition Temperature:** No data available.

**Kinematic viscosity:** No data available.

**Dynamic viscosity:** 4.8 mPa.s (68 °F/20 °C)  
 3.2 mPa.s (104 °F/40 °C)  
 2.2 mPa.s (140 °F/60 °C)

**Particle properties:** No data available.

## 10. Stability and reactivity

**Reactivity:** No data available.

**Chemical Stability:** No data available.

**Possibility of hazardous reactions:** Risk of polymerization. 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:** 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.

**Components:**

Lauryl methacrylate Category 2. (87)

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**Components:**

Lauryl methacrylate Category 2. (87)

**Respiratory or Skin Sensitization**

**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.

**IARC:**

No carcinogenic components identified

**ACGIH:**

No carcinogenic components identified

**NTP:**

No carcinogenic components identified

**JSOH:**

No carcinogenic components identified

**EU**

No carcinogenic components identified

**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:** Classification not possible due to insufficient data.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** Classification not possible due to insufficient data.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** Classification not possible due to insufficient data.

**Aspiration Hazard**

**Product:** Classification not possible due to insufficient data.

**Other effects:** No data available.

<b>12. Ecological information</b>
-----------------------------------

**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:**  
 Lauryl methacrylate Category 1: (87)

**Chronic 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:**  
 Lauryl methacrylate Category 1: (87)

**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.

**Hazardous to the ozone layer:** No data available.  
 Not classified based on available data of component(s).Not Regulated

**Further Information:** 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

#### International regulations

##### IMDG

UN Number:	UN 3082
UN Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Lauryl methacrylate)
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
Environmentally Hazardous:	Yes
Marine Pollutant:	No
Special precautions for user:	Not regulated.

##### IATA

UN Number:	UN 3082
UN Proper Shipping Name:	Environmentally hazardous substance, liquid, n.o.s. (Lauryl methacrylate)
Transport Hazard Class(es):	
Class:	9
Label(s):	9MI (Miscellaneous)
Packing Group:	III
Excepted quantity	E1
Environmentally Hazardous:	Yes
Marine Pollutant:	No
Special precautions for user:	Not regulated.
Other information	
Passenger and cargo aircraft:	Allowed. 964
Cargo aircraft only:	Allowed. 964

UN Proper Shipping Name (JP): 環境有害物質(液体)(Lauryl methacrylate)

#### National Regulations

**Domestic Standard:** In compliance with domestic law.

**Emergency Response Guide Number :** 171



<b>15. Regulatory information</b>
-----------------------------------

**Law concerning Pollutant Release and Transfer Register**  
 Not Regulated

**Industrial Safety and Health Law**  
 Not Regulated

**Poisonous and Deleterious Substances Control Act**  
 Not Regulated

**Explosives Control Act:**  
 Not Regulated

**High Pressure Gas Safety Act:**  
 Not Regulated

**Fire Service Act:**  
 Group 4: Flammable liquids, Type 3 petroleum, Water insoluble liquid, Designated Quantity (2000 litre)  
 III: Hazardous rank III

**Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc.**  
 Not Regulated

**Ship Safety Law, Dangerous Goods Marine Transport and Storage Rule:**  
 Miscellaneous dangerous substances and articles

**Air Law, Enforcement Rule:**  
 Miscellaneous dangerous substances and articles

**Act on Prevention of Marine Pollution and Maritime Disaster:**  
 Category: Z  
 Pack transport, Marine pollutant (P)

**Export Trade Control Order:**  
 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

**16. Other Information****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:**

- Hazard communication of chemicals based on GHS -- Labelling and Safety Data Sheet (SDS) (JIS Z 7253 : 2019)
- International Chemical Safety Cards (ICSC) (Compiler's Guide) (1994)
- GHS guideline -- Labelling and Safety Data Sheet (2019) Japan Chemical Industry Association
- (87): EU CLP Regulation Annex VI