

Product name:
POIZ C-60H

SAFETY DATA SHEET

1. Product and company identification

Name of chemical (Product name): POIZ C-60H

Product No.: A0003001

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:

Environmental Hazards

Acute hazards to the aquatic environment	Category 3
Chronic hazards to the aquatic environment	Category 3

GHS label elements

Pictograms: No symbol

Signal Word: No signal word.

Hazard Statement: Harmful to aquatic life with long lasting effects.

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 or doctor if you feel unwell.

Storage: -

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Disposal: Passed to a licensed waste contractor.

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 (%)
Hydroxyethylcellulose hydroxypropyl trimethylammonium chloride ether	81859-24-7			

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.

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Water spray, powder

Unsuitable extinguishing media: No data available.

Specific hazards arising from the chemical: Produce irritating or toxic gases in a fire.

Special protective equipment and precautions for firefighters

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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. Risk of producing harmful gases such as carbon monoxide and phosgene. Avoid inhalation of smoke or gases.

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. Keep upwind.

Methods and material for containment and cleaning up:

Prevent dispersion of dust. Sweep or vacuum by dust-explosion-proof type cleaner.

Environmental Precautions:

Avoid release to the environment.

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 local exhaust ventilation, in case of generation of dust.

Safe handling advice:

Avoid inhalation of fine dust . Use an adequate ventilation. Wash thoroughly after handling. If needed, use personal protective equipment as required. Prevent generation of dust. This material may cause risk of dust explosion.

Contact avoidance measures:

No data available.

Hygiene measures:

No data available.

Storage

Safe storage conditions:

Keep container tightly closed. Store in a well-ventilated place.

Safe packaging materials:

No data available.

Storage Temperature:

No data available.

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8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

Product: ACGIH (TLV) : 10 mg/m³ TWA (inhalable particles, recommended);
3 mg/m³ TWA(respirable particles, recommended)
(Particulates (insoluble or poorly soluble) not otherwise specified (PNOS))

OSHA (PEL) : 15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable fraction)
(Particulates not otherwise regulated)

Individual protection measures, such as personal protective equipment

Eye/face protection: Safety glasses with side shield(Safety goggles or Face shield)

Hand Protection: Material: Rubber gloves

Skin and Body Protection: Full-body suit

Respiratory Protection: Use dust mask, 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: Powder

Color: White to light yellow

Odor: Slight characteristic odor

Odor Threshold: No data available.

Melting Point: ≥ 212 °F/100 °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: No data available.

Self Ignition Temperature: No data available.

Decomposition Temperature: 302 °F/150 °C

pH: 6 (2% solution)

Viscosity

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Dynamic viscosity:	No data available.
Kinematic viscosity:	No data available.
Flow Time:	No data available.
Solubility(ies)	
Solubility in Water:	Soluble
Solubility (other):	No data available.
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:	No data available.
Particle Size Distribution:	No data available.
Heat of combustion	< 34 kJ/g

10. Stability and reactivity

Reactivity:	No data available.
Chemical Stability:	Stable in general.
Possibility of hazardous reactions:	Risk of dust explosion under dry condition.
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.

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Not classified based on available data of component(s).

Skin Corrosion/Irritation

Product: Classification not possible due to insufficient data.

Serious Eye Damage/Eye Irritation

Product: Classification not possible due to insufficient data.

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

NTP:

No carcinogenic components identified

JSOH:

No carcinogenic components identified

EU

No carcinogenic components identified

Germ Cell Mutagenicity

In vitro

Product: Ames test (TA98, TA100): Negative
Rec-assay: 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.

Specific Target Organ Toxicity - Repeated Exposure

Product: Classification not possible due to insufficient data.

Aspiration Hazard

Product: No data available.

Other effects:

No data available.

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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:

Hydroxyethylcellulose Category 3 (21)
hydroxypropyl
trimethylammonium
chloride ether

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:

Hydroxyethylcellulose Category 3 (21)
hydroxypropyl
trimethylammonium
chloride ether

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.

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Hazardous to the ozone layer: No data available.

Further Information: No data available.

13. Disposal considerations

Disposal methods: Review "HANDLING AND STORAGE (Section 7)". Passed to a licensed waste contractor. This product may cause risk of dust explosion. Incinerate with little portions. Risk of producing harmful gases such as carbon monoxide and phosgene.

Contaminated Packaging: No data available.

14. Transport information

International regulations

IMDG

Not regulated.

IATA

Not regulated.

National Regulations

Domestic Standard: In compliance with domestic law.

15. Regulatory information

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:

Not applicable to dangerous materials / designated flammables.

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:

Not Regulated

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Air Law, Enforcement Rule:
Not Regulated

Export Trade Control Order
Not Regulated

Inventory Status:

US TSCA Inventory:	Not 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 (21): Estimation