

SAFETY DATA SHEET

1. Product and company identification

Name of chemical (Product name): EXCEL O-95N

Product No.: B0002052

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
Contact 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
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Unknown toxicity - Environment

Acute hazards to the aquatic environment	0.05 %
Chronic hazards to the aquatic environment	99.95 %

Label Elements

Pictograms:	No symbol
Signal Word:	No signal word
Hazard Statement:	Harmful to aquatic life.

Precautionary Statements

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/doctor if you feel unwell.
Storage:	-

Disposal: Passed to a licensed waste contractor.

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

3. Composition/information on ingredients

Substances

Hazardous Component(s):

Chemical name or generic name	CAS number	ISHL	ENCS	Content in percent (%)
Glycerol monooleate	25496-72-4	YES	YES	

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, 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. 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:** Sweep or vacuum spills to drums or containers.
- 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. Use an adequate ventilation.
- 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.

Storage

- Safe storage conditions:** Keep container tightly closed. Store in a well-ventilated place. Keep away from source of ignition.
- Safe packaging materials:** No data available.

8. Exposure controls/personal protection

Control Parameters

- Occupational Exposure Limits**
Product: 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.
Hygiene measures:	No data available.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Physical state:	Solid
Form:	Lumps
Color:	White
Odor:	Slight characteristic odor
Odor Threshold:	No data available.
Melting Point:	118 - 127 °F/48 - 53 °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:	439 °F/226 °C (Cleveland Open Cup)
Self Ignition Temperature:	No data available.
Decomposition Temperature:	No data available.
pH:	6 (5% solution)

Viscosity

Dynamic viscosity:	54 mPa.s (140 °F/60 °C) 38 mPa.s (158 °F/70 °C) 25 mPa.s (176 °F/80 °C)
Kinematic viscosity:	No data available.
Flow Time:	No data available.

Solubility(ies)

Solubility in Water:	Insoluble in water
Solubility (other):	Insoluble in ethanol and n-hexane, poorly soluble in xylene Soluble in chloroform
Partition coefficient (n-octanol/water):	No data available.

Vapor pressure:	No data available.
Relative density:	No data available.
Density:	0.9339 g/ml (140 °F/60 °C) 0.9266 g/ml (158 °F/70 °C) 0.9194 g/ml (176 °F/80 °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:	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:	LD 50 (Rat): > 2,500 mg/kg Not classified (Data on similar product) Not classified based on available data.
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. Not classified based on available data of component(s).
Serious Eye Damage/Eye Irritation	
Product:	No data available. Not classified based on available data of component(s).

Respiratory or Skin Sensitization

Product: Skin: No data available.
 Not classified based on available data of component(s).
 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 (Data on similar 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: No data available.

Other effects: No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment

Fish

Product: LC 50 (Rainbow Trout, 96 h): 64 mg/l (Data on similar product)

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Components:

Glycerol monooleate Category 3: (99)

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

Product: No data available.

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: 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

Not regulated.

IATA

Not regulated.

National Regulations

Domestic Standard: In compliance with domestic law.

15. Regulatory information

Industrial Safety and Health Law

Not Regulated

Poisonous and Deleterious Substances Control Act

Not Regulated

Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc.

Not Regulated

Law concerning Pollutant Release and Transfer Register

Not Regulated

Fire Service Act:

Designated combustible materials: Combustible solids (3,000 kg)

Ship Safety Law, Dangerous Goods Marine Transport and Storage Rule:

Not Regulated

Air Law, Enforcement Rule:

Not Regulated

Explosives Control Act:

Not Regulated

High Pressure Gas Safety Act:

Not Regulated

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 (99): Internal study data