

**Product name:**  
 RHEODOL TW-IS399C

# SAFETY DATA SHEET

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

**Product name:**

RHEODOL TW-IS399C

**Product No.:** B0002694

**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**

Not classified

**Label Elements**

The substance or product does not require a hazard warning label in accordance with the GHS directive.

<b>Pictograms:</b>	No symbol
<b>Signal Word:</b>	No signal word
<b>Hazard Statement:</b>	Not applicable
<b>Prevention:</b>	Wash thoroughly after handling. If needed, use personal protective equipment as required.
<b>Response:</b>	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.
<b>Storage:</b>	Store in a well-ventilated place.
<b>Disposal:</b>	-

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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 (%)
聚氧乙稀(160)脫水山梨糖醇三異硬脂酸酯 Polyoxyethylene(160) sorbitan triisostearate	-	54392-28-8	

Composition Comments: No hazardous ingredients.

### 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.

**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, water spray, carbon dioxide, sand

**Unsuitable extinguishing media:** No data available.

**Special hazards arising from the substance or mixture:** No data available.

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**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.
Special protective equipment for fire-fighters:	Use goggles in combination with dust mask, and other protections as appropriate to situation.

**6. Accidental release measures**

<b>Personal precautions, protective equipment and emergency procedures:</b>	Use goggles and protective gloves. Large spills : Remove person to safety. Ensure adequate ventilation.
<b>Accidental release measures:</b>	Keep away from sources of ignition and prepare extinguishing media.
<b>Methods and material for containment and cleaning up:</b>	Sweep or vacuum spills to drums or containers.
<b>Environmental Precautions:</b>	Do not discharge into the drains, surface waters or ground water directly.

**7. Handling and storage**

**Handling**

<b>Technical measures:</b>	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
<b>Local/Total ventilation:</b>	Use an adequate ventilation.
<b>Safe handling advice:</b>	Keep away from source of ignition. Use an adequate ventilation. Wash thoroughly after handling. If needed, use personal protective equipment as required.
<b>Contact avoidance measures:</b>	No data available.

**Storage**

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

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## 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.

#### Individual protection measures, such as personal protective equipment

<b>Eye/face protection:</b>	Safety glasses
<b>Hand Protection:</b>	Material: Rubber gloves
<b>Skin and Body Protection:</b>	Full-body suit
<b>Respiratory Protection:</b>	Use as appropriate to situation.
<b>Hygiene measures:</b>	No data available.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

#### Appearance

<b>Physical state:</b>	Solid
<b>Form:</b>	Solid
<b>Color:</b>	Pale yellow
<b>Odor:</b>	Slight characteristic odor
<b>Odor Threshold:</b>	No data available.
<b>Melting Point:</b>	115.7 °F/46.5 °C
<b>Boiling Point:</b>	No data available.
<b>Flammability:</b>	No data available.

#### Upper/lower limit on flammability or explosive limits

<b>Explosive limit - upper:</b>	No data available.
<b>Explosive limit - lower:</b>	No data available.
<b>Flash Point:</b>	507 °F/264 °C (Cleveland open cup)
<b>Self Ignition Temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No data available.
<b>pH:</b>	7 (5% solution)

#### Viscosity

<b>Dynamic viscosity:</b>	540 mPa.s (140 °F/60 °C)
	310 mPa.s (176 °F/80 °C)
	182 mPa.s (212 °F/100 °C)
<b>Kinematic viscosity:</b>	No data available.

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<b>Flow Time:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Soluble(10%, 25C)
<b>Solubility (other):</b>	Soluble in ethyl alcohol
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Vapor pressure:</b>	No data available.
<b>Relative density:</b>	No data available.
<b>Density:</b>	1.071 g/ml (140 °F/60 °C) 1.0555 g/ml (176 °F/80 °C) 1.04 g/ml (212 °F/100 °C)
<b>Relative vapor density:</b>	No data available.
<b>Particle characteristics</b>	
<b>Particle Size:</b>	No data available.
<b>Particle Size Distribution:</b>	No data available.

## 10. Stability and reactivity

<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	Stable in general.
<b>Possibility of hazardous reactions:</b>	Has no self-reactivity.
<b>Conditions to avoid:</b>	No data available.
<b>Incompatible Materials:</b>	No data available.
<b>Hazardous Decomposition Products:</b>	No data available.

## 11. Toxicological information

### Acute toxicity (list all possible routes of exposure)

#### Oral

**Product:** LD 50 (Rat, Female, Male): > 5 g/kg (Data on equivalent product)  
 LD 50 (Mouse, Female, Male): > 5 g/kg (Data on equivalent 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).

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**Skin Corrosion/Irritation**

**Product:** Draize Rabbit, 24 h: Not classified undiluted, (Data on equivalent product)  
Not classified based on available data.

**Serious Eye Damage/Eye Irritation**

**Product:** Draize, Rabbit, Not classified, undiluted, (Data on equivalent product)  
, Not classified based on available data.

**Respiratory or Skin Sensitization**

**Product:** Skin sensitization, 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  
(Data on equivalent 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:**

Photo toxicity : Negative (Data on equivalent product) Photo  
sensitization : Negative (Data on equivalent product)

**12. Ecological information**

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** LC 50 (Fish, 96 h): 5,000 - 10,000 mg/l (Data on equivalent product)  
Not classified based on available data.

**Aquatic Invertebrates**

**Product:** Not classified based on available data.

**Toxicity to Aquatic Plants**

**Product:** No data available.

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### Chronic hazards to the aquatic environment

#### Fish

**Product:** No data available.  
Not classified based on available data of component(s).

#### Aquatic Invertebrates

**Product:** No data available.  
Not classified based on available data of component(s).

#### Toxicity to Aquatic Plants

**Product:** No data available.

### Persistence and Degradability

#### Biodegradation

**Product:** 9 % (28 d, OECD TG301D) (Data on equivalent product)

#### 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.

**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

Not Regulated

#### IMDG

Not Regulated

#### 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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## 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

### Inventory Status:

US TSCA Inventory:	Not 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):	Not in compliance with the inventory
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

Issue Date: 2023.01.20

Version #: 1.0

### Abbreviations and acronyms

No data available.

### 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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