

**Product name:**  
 RHEODOL TW-L120

# SAFETY DATA SHEET

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

**Product name:**

RHEODOL TW-L120

**Product No.:** B0002696

**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.

**Pictograms:** No symbol

**Signal Word:** No signal word

**Hazard Statement:** Not applicable

**Prevention:** Wash thoroughly after handling. If needed, use personal protective equipment as required. 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 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:** Store in a well-ventilated place.

**Disposal:** -

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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 (%)
聚氧乙烯-20 脱水山梨醇單月桂酸酯 Polyoxyethylene(20) sorbitan monolaurate	-	9005-64-5	

**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.

**Special protective equipment and precautions for fire-fighters**

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<b>Special fire-fighting procedures:</b>	Keep away from sources of ignition and use appropriate extinguishing media. Fight fire from upwind position if possible.
<b>Special protective equipment for fire-fighters:</b>	Use goggles in combination with dust mask, and other protections as appropriate to situation.

<b>6. Accidental release measures</b>
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<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>	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.
<b>Environmental Precautions:</b>	Do not discharge into the drains, surface waters or ground water directly.

<b>7. Handling and storage</b>
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**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. 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. 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>	Liquid
<b>Form:</b>	Viscous liquid
<b>Color:</b>	Yellow
<b>Odor:</b>	Slight characteristic odor
<b>Odor Threshold:</b>	No data available.
<b>Freezing point:</b>	-14 °C/7 °F
<b>Boiling Point:</b>	No data available.
<b>Flammability:</b>	No data available.
<b>Upper/lower limit on flammability or explosive limits</b>	
<b>Explosive limit - upper:</b>	No data available.
<b>Explosive limit - lower:</b>	No data available.
<b>Flash Point:</b>	297 °C/567 °F (Cleveland open cup)
<b>Auto-ignition temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No data available.
<b>pH:</b>	6 - 7.5 (5% solution)
<b>Viscosity</b>	
<b>Dynamic viscosity:</b>	1,180 mPa.s (10 °C/50 °F) 270 mPa.s (30 °C/86 °F) 160 mPa.s (40 °C/104 °F)
<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>	Very Soluble
<b>Solubility (other):</b>	Soluble in ethanol and insoluble in n-hexane Poorly soluble in xylene
<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>	1.1175 g/ml (10 °C/50 °F) 1.101 g/ml (30 °C/86 °F) 1.0495 g/ml (40 °C/104 °F)
<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 low reactivity.
<b>Conditions to avoid:</b>	No data available.
<b>Incompatible Materials:</b>	No data available.
<b>Hazardous Decomposition Products:</b>	No special hazardous and harmful combustion or decomposition.

## 11. Toxicological information

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

<b>Oral</b>	
<b>Product:</b>	No data available. Not classified based on available data of component(s).
<b>Dermal</b>	
<b>Product:</b>	No data available. Not classified based on available data of component(s).
<b>Inhalation</b>	
<b>Product:</b>	Dust and mist: 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:** semi-occluded application test Rabbit, 24 h: Non irritant undiluted  
 Not classified based on available data.

**Serious Eye Damage/Eye Irritation**

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

**Respiratory or Skin Sensitization**

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

**Carcinogenicity**

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

**Germ Cell Mutagenicity**

**In vitro**

**Product:** Ames test (TA98, TA100, WP2try-): 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:** No data available.  
 Not classified based on available data of component(s).

**Aspiration Hazard**

**Product:** No data available.

**Other effects:**

No data available.

<b>12. Ecological information</b>
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**Ecotoxicity:**

**Acute 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.

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**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.

**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.

**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.

**15. Regulatory information**

**National regulatory information:**

**Regulations on Occupational Safety and Health Facilities**

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**Standards for the Storage, Cleanup, Handling and Disposal of Industrial Waste.**

**Regulations on Labelling and Hazard Communication of Hazardous Chemicals**

**Inventory Status:**

<b>US TSCA Inventory:</b>	On or in compliance with the inventory
<b>Canada DSL Inventory List:</b>	On or in compliance with the inventory
<b>Australia AICS:</b>	On or in compliance with the inventory
<b>Korea Existing Chemicals Inv. (KECI):</b>	Contact us for information
<b>Japan (ENCS) List:</b>	On or in compliance with the inventory
<b>Japan ISHL Listing:</b>	On or in compliance with the inventory
<b>Philippines PICCS:</b>	On or in compliance with the inventory
<b>China Inv. Existing Chemical Substances:</b>	On or in compliance with the inventory
<b>REACH (EU):</b>	Contact us for information
<b>Taiwan Chemical Substance Inventory:</b>	On or in compliance with the inventory

**16. Other Information**

**Issue Date:** 2021.12.17

**Revision Date:** 2024.11.11

**Version #:** 2.0

**Organization that prepared the SDS and SDS Author:**

**SDS Author:** Kao (Taiwan) Corporation  
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**Further Information:** No data available.

**References:** No data available.

**Revision Information:** Not relevant.

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