



Product name:
RHEODOL SP-O10

SDS No.: B0010229
Revision Date: -
Version #: 1.0
Last revised date: -
Issue Date: 21.04.2021

SAFETY DATA SHEET

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

GHS Product identifier: RHEODOL SP-O10

Other means of identification

SDS number: B0010229

Recommended use of the chemical and restrictions on use

Recommended use: Not available.

Recommended restrictions: Not known.

Supplier's details

Manufacturer

Company Name: Kao Industrial (Thailand) Co.,Ltd.
Address: O-NES Tower, 14th floor, 6, Soi Sukhumvit 6,
Klongtoey Sub-district, Klongtoey District, Bangkok 10110, Thailand
Telephone: +66-2-655-4433
Fax: +66-2-655-4545
Division: Chemical Business

Emergency telephone number: 66-2-655-4433

2. Hazard(s) identification

GHS classification of substance or mixture, and national or regional information:

Health Hazards

Skin Corrosion/Irritation

Category 3

Label Elements

Pictograms: No symbol

Signal Word: Warning

Hazard Statement: Causes mild skin irritation.

Precautionary Statements

Prevention: Wash thoroughly after handling. If needed, use personal protective equipment as required.

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. If skin irritation occurs: Get medical advice/attention. Call a POISON CENTER/doctor if you feel unwell.

Storage: Store in a well-ventilated place.

Disposal: -

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

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Unknown toxicity - Health

Acute toxicity, inhalation, 100 %
 dust or mist

3. Composition/information on ingredients

Substances

| Chemical Identity | Common name and synonyms | CAS number | Concentration* |
|---------------------|--------------------------|------------|----------------|
| Sorbitan monooleate | | 1338-43-8 | |

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Description of necessary first-aid measures

Ingestion: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.
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.

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 action 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

Personal precautions, protective equipment and emergency procedures: Use goggles and protective gloves. Large spills : Remove person to safety. Ensure adequate ventilation.

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| Environmental Precautions: | Do not discharge into the drains, surface waters or ground water directly. |
| 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. |
| Notification Procedures: | Keep away from sources of ignition and prepare extinguishing media. |

7. Handling and storage

| | |
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| Precautions to ensure safe handling: | Keep away from source of ignition. Use an adequate ventilation. Wash thoroughly after handling. Use personal protective equipment as required. |
| Conditions for safe storage, including any incompatibilities: | Keep away from source of ignition. Keep container tightly closed. Store in a well-ventilated place. |

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits.

Appropriate Engineering Controls:

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

| | |
|--------------------------------|----------------------------------|
| Eye/face protection: | Safety glasses |
| Hand Protection: | Rubber gloves |
| Other: | 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: | liquid |
| Form: | Viscous liquid |
| Color: | Yellow |
| Odor: | Characteristic |
| Odor Threshold: | No data available. |
| Freezing point: | 9.5 °F/-12.5 °C |
| Boiling Point: | > 104 °F/40 °C |
| 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: | 486 °F/252 °C (Cleveland open cup) |
| Self Ignition Temperature: | No data available.. |

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| Decomposition Temperature: | No data available. |
| pH: | 6 (5% suspension) |
| Viscosity | |
| Dynamic viscosity: | 1,660 mPa.s (68 °F/20 °C) 860 mPa.s (86 °F/30 °C) 420 mPa.s (104 °F/40 °C) |
| Kinematic viscosity: | No data available. |
| Flow Time: | No data available. |
| Solubility(ies) | |
| Solubility in Water: | Insoluble in water |
| Solubility (other): | Insoluble in methanol Soluble in ethyl alcohol Soluble(in 5% n-Hexane solution), Insoluble(in 50% n-Hexane solution) |
| Partition coefficient (n-octanol/water): | No data available. |
| Vapor pressure: | No data available. |
| Relative density: | No data available. |
| Density: | 0.9923 g/ml (68 °F/20 °C) 0.9853 g/ml (86 °F/30 °C) 0.9783 g/ml (104 °F/40 °C) |
| Relative vapor density: | No data available. |
| Particle characteristics | |
| Particle Size Distribution: | No data available. |
| Heat of combustion | >= 34 kJ/g |

10. Stability and reactivity

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|--|--------------------|
| Reactivity: | No data available. |
| Chemical Stability: | Stable in general. |
| Possibility of hazardous reactions: | No data available. |
| Conditions to avoid: | No data available. |
| Incompatible Materials: | No data available. |
| Hazardous Decomposition Products: | Carbon dioxide |

11. Toxicological information

Acute toxicity (list all possible routes of exposure)

Oral

Product: LD 50 (Mouse): > 15 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).

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| 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: | |
| Sorbitan monooleate | Category 3: (7) |
| 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 carcinogens present or none present in regulated quantities |
| ACGIH: | |
| | No carcinogens present or none present in regulated quantities |
| 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: | No data available. Not classified based on available data of component(s). |
| 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. |

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12. Ecological information

Ecotoxicity:

Acute 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.

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: 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

Disposal instructions: 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.

15. Regulatory information

Safety, health and environmental regulations specific for the product in question

Thailand. Hazardous Substances Prohibited from On-line Notification System (Notification of Ministry of Industry, B.E. 2547)

Thailand. Notification of Ministry of Industry, Re: List of Hazardous Substances B.E. 2538

Thailand. Hazardous Substances under Chapter 3, Duties and Civil Liabilities (Notification of Ministry of Industry Re: Hazardous Substances under Chapter 3 of Hazardous Substances Act)

Thailand. Notification of the Ministry of Interior, Re: Work Safety Relating to Dangerous Chemicals

Thailand. Notification of the Ministry of Interior, Re: Work Safety Relating to More Dangerous Chemicals

Thailand. Reportable Hazardous Substances (Notification of Ministry of Industry Re: Bases respecting report of quantity of hazardous materials under Department of Industrial Works, B.E. 2547)

Not Regulated

Inventory Status:

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|--|--|
| 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, including date of preparation or last revision

Issue Date: 21.04.2021

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Source of information: No data available.

Further Information: No data available.

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Disclaimer:

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Reference:

(7): Cosmetic Ingredient Review (CIR)