

Product name:  
DEMOL RN

# SAFETY DATA SHEET

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

**Product name:**  
DEMOL RN

**Product No.:** B0001733

### 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

#### Environmental Hazards

Acute hazards to the aquatic environment Category 3

Chronic hazards to the aquatic environment Category 3

### Unknown toxicity - Environment

Acute hazards to the aquatic environment 0 %

Chronic hazards to the aquatic environment 0 %

### Label Elements

**Pictograms:** No symbol

**Signal Word:** No signal word

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

### 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.

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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

#### Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)
聚萘甲醛磺酸鈉鹽 Naphthalenesulfonic acid, polymer with formaldehyde, sodium salt	-	9084-06-4	94%

### 4. First-aid measures

#### Description of first aid measures

<b>Inhalation:</b>	Remove person to fresh air and keep comfortable for breathing.
<b>Skin Contact:</b>	Gently wash with plenty of soap and water.
<b>Eye contact:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Ingestion:</b>	Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.
<b>Personal Protection for First-aid Responders:</b>	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.

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**Special hazards arising from the substance or mixture:** Produce irritating or toxic gases in a fire.

**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. Risk of producing harmful gases such as carbon monoxide and sulfur oxides. 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.

**Accidental release measures:** No data available.

**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.

**7. Handling and storage**

**Handling**

**Technical measures:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**Local/Total ventilation:** 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. Use personal protective equipment as required. Prevent generation of dust. This material may cause risk of dust explosion.

**Contact avoidance measures:** No data available.

**Storage**

**Safe storage conditions:** Keep container tightly closed. Store in a well-ventilated place.

**Safe packaging materials:** 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 local exhaust ventilation, in case of generation of dust.

#### 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:** Brown

**Odor:** Characteristic

**Odor Threshold:** No data available.

**Melting Point:** No data available.

**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:** Not detected

**Autoignition Temperature:** No data available.

**Decomposition Temperature:** No data available.

**pH:** 9 (40% aqueous solution)

#### Viscosity

**Dynamic viscosity:** No data available.

**Kinematic viscosity:** 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>	Poorly soluble in lower 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>	No data available.
<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>	Risk of dust explosion.
<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)

<b>Oral</b>	
<b>Product:</b>	LD 50 (Rat, Female, Male): > 2,000 mg/kg Not classified Not classified based on available data.
<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).
<b>Skin Corrosion/Irritation</b>	
<b>Product:</b>	OECD TG404 Rabbit, 4 h: Non irritant undiluted Not classified based on available data.

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**Serious Eye Damage/Eye Irritation**

**Product:** OECD TG405, Rabbit, Not classified, undiluted  
 , Not classified based on available 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.

**Germ Cell Mutagenicity**

**In vitro**

**Product:** Ames test (TA98, TA100): 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.

**12. Ecological information**

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** LC 50 (Rainbow Trout, 96 h): 70 mg/l (Data on similar product)

**Aquatic Invertebrates**

**Product:** No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Components:**

聚萘甲醛磺酸鈉鹽                      Category 3 (99)  
 Naphthalenesulfonic acid,  
 polymer with formaldehyde,  
 sodium salt

**Chronic hazards to the aquatic environment**

**Fish**

**Product name:**  
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**Product:** No data available.

**Aquatic Invertebrates**  
**Product:** No data available.

**Components:**  
 聚萘甲醛磺酸鈉鹽                      Category 3 (21)  
 Naphthalenesulfonic acid,  
 polymer with formaldehyde,  
 sodium salt

**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. This product may cause risk of dust explosion. Incinerate with little portions. Risk of producing harmful gases such as carbon monoxide and sulfur oxides.

**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:

<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:** 2023.05.24

**Version #:** 1.0

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

**SDS Author:** Kao (Taiwan) Corporation  
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 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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**Reference:**

(21): Estimation  
(99): Internal study data