

## SAFETY DATA SHEET

SDS: A2270-0400\_E001

Date Prepared: 2017/12/26

Date Revised: 2023/01/10

Product Name: **NEWCOL 707-SF**

### 1. Identification of the substance/mixture and of the company/undertaking

Product name: NEWCOL 707-SF  
 Identification of the supplier: Nippon Nyukazai Co., Ltd.  
 Address: No.4-1.Nihonbashi Kobuna-cho, Chuo-ku, Tokyo 103-0024, Japan  
 Charge section: Business Operation Department  
 (TEL:+81-3-5651-5640,FAX:+81-3-5651-5646)  
 Emergency telephone number: Business Operation Department  
 (TEL:+81-3-5651-5640,FAX:+81-3-5651-5646)  
 Recommend use: Detergent , Emulsifier/dispersant , Emulsion polymerization agent  
 Restrictions on use: Seek expert judgment when using for purposes other than those recommended.

### 2. Hazards identification

Hazard category Not applicable

### 3. Composition/information on ingredients

3.1. Substances Not Applicable

#### 3.2. Mixtures

Ingredients and Concentration

Ingredient Name	Concentration wt. %	CAS RN®	Existing and New Chemical Substances (JAPAN)	Industrial Safety and Health Law Substances (JAPAN)	Industrial Safety and Health Law (JAPAN)	Pollutant Release Transfer Register Law (JAPAN)	Poisonous and Deleterious Substances Control Act (JAPAN)
			Gazette notice reference number	Gazette notice reference number	Notifiable Substances	Specified Substances	Poisonous and Deleterious Substances
Polyoxyethylene poly styrenated-methyl-phenyl ether, sulfate ammonium salts	29-31	Registered	※reference	Public	Not applicable	Not applicable	Not applicable
Water	69-71	7732-18-5	---	Public	Not applicable	Not applicable	Not applicable
2-Propanol	0-0.6	67-63-0	2-207	2-(8)-319	Applicable	Not applicable	Not applicable

※ Not regarded as a New Chemical Substances.

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### 4. First aid measures

Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is stopped, lie on your back and perform cardiopulmonary respiration. Get medical advice/attention.
Skin contact:	Take off contaminated clothing and wash before reuse. Wash with plenty of soap and water. If skin irritation or a rash occurs: Get medical advice/attention.
Eye contact:	Immediately flush eye with plenty of clean water for at least 15 minutes. (If easy to do, remove contact lenses, if worn.) Get medical attention immediately.
Ingestion:	After having swallowed it, Drink a large quantity of water when consciousness becomes clear and receive treatment for the doctor immediately. A mouth must not give a person without the consciousness a thing.
Protection for first aid person:	The rescuer wears a tool for appropriate protection depending on the situation.

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### 5. Firefighting measures

Suitable extinguishing media:	Use water spray(fog), foam, dry chemical or CO2.
Extinguishing media to avoid:	Straight stream water.
Specific hazards arising from the chemical:	At the time of fire, hazardous gases (carbon monoxide and others) can be generated.
Fire fighting:	Keep upwind of fire. Eliminate all ignition sources if safe to do so. In case of fire in the surroundings, move the content/container to the safety place. If it is not possible to move, cool the content/container with water spray.
Special protective equipment and precautions for fire fighters:	Gloves, protection glasses, wear fire, flame resistant, retardant clothing, air respiratory organs wear a tool for appropriate protection.

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### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Promptly remove possible ignition sources from the vicinity. Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
Environmental precautions:	To environment (area of the sea, the soil) must not release it.

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Methods and materials for  
containment and cleaning up:

Absorb this product with inactive materials (example: dry sand, earth) and recover it into a waste material container.

In the case of large amount, stop leakage with earth/sand to begin with, and, then, recover it.

In the case of a small quantity, I adsorb it in the earth and sand, a waste and collect it in empty container which I can seal up after having removed it.

### 7. Handling and storage

#### Handling

Technical measures: During handling, be sure to wear proper protective equipment (refer to the section 8).

Ventilation requirements: Use the ventilation equipment described in Section 8.

Precautions for safe handling: Not especially.

#### Storage

Storage conditions: Store the containers avoiding direct sunlight. Store in less than 40°C in a well-ventilated room.

Safety adequate container materials: Use the container specified by the Fire Service ACT and the United Nations Transport Regulations.

### 8. Exposure controls/personal protection

Appropriate engineering controls: Use local ventilation equipment.  
Install eye and body washing facilities near the handling place.  
Display the position of equipment clearly.

#### Control parameters

Ingredient Name	Industrial Safety and Health Law (JAPAN)	Japan Society for Occupational Health	ACGIH-TLV	
	Administrative Control Levels	Occupational Exposure Limits	TWA	STEL
Polyoxyethylene poly styrenated-methyl-phenyl ether, sulfate ammonium salts	Not established	Not established	Not established	Not established
2-Propanol	200ppm -mg/m <sup>3</sup>	400ppm Ceiling limit, 980mg/m <sup>3</sup> Ceiling limit	200ppm -mg/m <sup>3</sup>	400ppm -mg/m <sup>3</sup>

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### Personal protective equipment

Respiratory protection:	Use a gas mask for organic gases, air-supplied respirator, self-contained compressed air breathing apparatus on the situation.
Hand protection:	Organic solvent impermeable protective gloves (Antistatic ones are desirable.)
Eye/face protection:	Protective glasses, goggle, protective face shield.
Skin/body protection:	Wear long-sleeved working clothes and protective shoes. (Antistatic ones are desirable.)
Hygiene measures:	Use an oiliness apron-resistant, boots depending on the situation. Wash with soap and water after handling.

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## 9. Physical and chemical properties

### Product

Form:	Liquid (20°C)
Color:	Light yellow
Odor:	No data
Melting point/freezing point:	No data
Initial boiling point and boiling range:	No data
Flammability (solid, gas):	No data
Upper/lower flammability or explosive limits:	No data
Flash point:	No detection
Auto-ignition temperature:	No data
Decomposition temperature:	No data
pH:	6.0—8.0(10%aq.)
Kinematic viscosity:	No data
Solubility:	water : Soluble.
Partition coefficient: n-octanol/water:	No data
Vapour pressure:	No data
Specific Gravity:	1.055(20°C)
Vapour density:	No data
Particle characteristics:	No data

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### 10. Stability and reactivity

Chemical stability:	Stable under normal temperatures and pressures.
Possibility of hazardous reactions:	No data available
Conditions to avoid:	No data available
Incompatible materials:	No data available
Hazardous decomposition products:	No data available

### 11. Toxicological information

#### Product

Acute toxicity (oral):	No Classification LD50: 4200-4500 mg/kg[rat]
Acute toxicity (dermal):	Classification not possible
Acute toxicity (inhalation):	Classification not possible (Gas) Classification not possible (Vapour) Classification not possible (Dust/Mist)
Skin corrosion/irritation:	No Classification None [rabbit] Effect on animals : Our commissioned test data
Serious eye damage/irritation:	Classification not possible
Respiratory sensitization:	Classification not possible
Skin sensitization:	Classification not possible
Mutagenicity:	Classification not possible Ames Test:Negative
Carcinogenicity:	Classification not possible
Reproductive toxicity:	Classification not possible
Target organ effect/Single exposure:	Classification not possible
Target organ effect/Multi exposure:	Classification not possible
Respiratory toxic:	Classification not possible

#### Ingredient

Polyoxyethylene poly styrenated-methyl-phenyl ether, sulfate ammonium salts  
No Data

#### 2-Propanol

Acute toxicity (oral):	No Classification LD50: 4384-5840 mg/kg[rat]
Acute toxicity (dermal):	No Classification LD50: 12870 mg/kg[rabbit]
Acute toxicity (inhalation):	Exempt classification (Gas) No Classification (Vapour) LC50: 27908-29512 ppm[rat] Classification not possible (Dust/Mist)

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Skin corrosion/irritation:	<p>No Classification Mild [rabbit] Effect on person : Mild [rabbit], Effect on person : There is a report that irritation was not indicated in the test which was done skin application for the medical treatment of the volunteer and an alcoholism patient in the humans (EHC 103(1990)). Effect on animals : There is a report of no irritation or of mild irritation in the tests for rabbit skin irritation (EHC 103 (1990), PATTY (6th, 2012), and ECETOC TR66 (1995)). It is considered to have slight or mild irritation, and it was classified into "Not classified" in JIS classification standard (Category 3 in UN classification standard).</p>
Serious eye damage/irritation:	<p>Category 2 Severe [rabbit] Effect on animals : We found the descriptions that there were reports of slight to severe ocular irritant property in the eye irritation tests with the rabbits (EHC (1990), SIDS (2002), PATTY (6th,2012), ECETO TR48 (1998)). However, critical damaging property was not indicated, therefore we classified it as Category 2</p>
Respiratory sensitization:	<p>Classification not possible Effect on person : No data</p>
Skin sensitization:	<p>Classification not possible Effect on person : No data</p>
Mutagenicity:	<p>Classification not possible Classification not possible due to lack of data.</p>
Carcinogenicity:	<p>Classification not possible IARC:3, ACGIH:A4</p>
Reproductive toxicity:	<p>Category 2 In the two-generation reproduction study by the drinking water medication using rats (EHC (19990), IARC (2005), and PATTY (1994)), there was no influence on fertility and growth of born children. On the other hand, no teratogenicity was observed in rats in the growth toxicity and the teratogenicity test in EHC (1990), SIDS (1997) and ACGIH (2003). However, reproductive toxicity, such as decline in a pregnancy rate, an increase in embryo absorption, and an increase in fetus death, were observed at the dose in which a fall of the increasing weight, and toxicity such as an anesthesia action to parental animals were observed. Therefore, it was classified into Category 2.</p>

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Target organ effect/Single exposure:	<p>Category 1(central nerve system,general systemic toxicant)            Category 3(respiratory tract irritation)            Effect on person:Based on the descriptions in SIDS (2002), EHC 103 (1990), and Ministry of the Environment Risk Assessment Volume 6 (2005), this substance is an acutely toxic substance in humans, and has including central nervous system depression (lethargy, coma, respiratory depression, etc.), irritation to the digestive tract (nausea, vomiting), and effects on the circulatory system (blood pressure, hypothermia, arrhythmia)            In addition, the substance is irritating to the nose and throat (cough, sore throat) upon inhalation exposure (EHC 103 (1990), Ministry of the Environment Risk Assessment Volume 6 (2005)), and therefore has airway irritation. Based on the above, it was classified into Category 1 (central nervous system, systemic toxicity) and Category 3 (respiratory irritant).</p>
Target organ effect/Multi exposure:	<p>Category 1(blood systems)            Category 2(respiratory apparatus,liver,spleen)            In a 4-month inhalation exposure test of rats with a vapor of this substance, white blood cell count was reduced at 100 mg / m<sup>3</sup> (concentration equivalent to guidance value: 0.067 mg / L / 6 hr), and showed pathological effects on respiratory organs (lung, bronchi), liver and spleen at 500 mg / m<sup>3</sup> (guidance value (Converted concentration: 0.33 mg / L / 6 hr) (EHC 103 (1990))            The target organs were determined to be blood system, respiratory organs, liver and spleen. Blood was classified as Category 1, and respiratory organs, liver and spleen were classified as Category 2.</p>
Respiratory toxic:	<p>Classification not possible            Effect on person : Classification not possible due to lack of data.</p>

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## 12. Ecological information

### Product

Ecotoxicity	
Acute toxicity:	Classification not possible
Chronic toxicity:	Classification not possible
Persistence and degradability :	No information.
Bioaccumulative potential :	No information.
Mobility in soil:	No information.
Hazardous to the ozone layer:	Classification not possible
Other impact :	No information.

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### Ingredient

Polyoxyethylene poly styrenated-methyl-phenyl ether, sulfate ammonium salts

#### Ecotoxicity

Acute toxicity: No data  
Chronic toxicity: No data

### 2-Propanol

#### Ecotoxicity

Acute toxicity: No Classification  
Fish: 96hrLC50:> 100 mg/L[Oryzias latipes]  
Daphnia: 48hrEC50:> 1000 mg/L[Daphnia magna]  
Algae: 72hrErC50:> 1000 mg/L[Pseudokirchneriella subcapitata]

#### Chronic toxicity:

No Classification  
Fish: No data  
Daphnia: 21dayNOEC:> 100 mg/L[Daphnia magna]  
Algae: No data

Persistence and degradability :

Rapidly biodegradable

Bioaccumulative potential :

No data

Hazardous to the ozone layer:

Classification not possible

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## 13. Disposal considerations

Disposal methods: When waste materials and waste water are to be treated, collect them into specified containers and entrust the disposal to a disposal contractor having an industrial waste disposal contractor permit.  
Do not use the used containers for other purposes like filling other substances. Be sure to dispose of them after treating the content according to the above description. In case of recycling the container, return the container as it is after fitting a stopper without filling anything into it.

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## 14. Transport information

International UN classification : Not applicable  
regulations UN number : Not applicable  
Proper shipping name : Not applicable  
Packing group : Not applicable



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Domestic restriction: Transport the material in accordance with the regulations in your country or region.

Specific security precaution and condition of transportation: Load the containers in such a way as not to wet with water, fall down, tumble, or being damaged. Cover the loaded cargo to prevent direct sunlight.

Emergency Response Guide (ERG) Numbers: 171

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## 15. Regulatory information

Regulatory information with regard to this substance in your country or region should be examined by your own responsibility.

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## 16. Other information

Reference Information obtained in NITE (National Institute of Technology and Evaluation) and other literature surveys.

Disclaimer About the description: This SDS was created in accordance with JIS Z 7253 based on the materials and data available at the time of creation. Detailed information such as composition and ingredients corresponding to overseas legal regulation registration confirmation etc. may not be described, so please contact our sales staff separately if necessary. Precautions are for normal handling. In case of special handling, it is the responsibility of the user to take safety measures suitable for the intended use and usage. We have paid close attention to the contents, but we do not guarantee the contents. This product can only be used for industrial purposes. If you want to use it for other purposes, please contact us in advance.