

SAFETY DATA SHEET

SDS: A1290-0100_E001

Date Prepared: 2022/07/22

Date Revised: 2023/01/10

Product Name: **NEWCOL 290-A**

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

Product name:	NEWCOL 290-A
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:	Wetting/penetrating agent , Detergent , Emulsion polymerization agent
Restrictions on use:	Seek expert judgment when using for purposes other than those recommended.

2. Hazards identification

Hazard category

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Toxic to reproduction	Category 2
Toxic to reproduction(Effects on or via lactation)	additional category
Aspiration hazard	Category 1
Acute hazards to the aquatic environment	Category 3
Chronic hazards to the aquatic environment	Category 3

Label elements

Hazard pictograms:



Signal word:

Danger

Hazard statements:

H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H361 Suspected of damaging fertility or the unborn child.
 H362 May cause harm to breast-fed children.
 H304 May be fatal if swallowed and enters airways.
 H402 Harmful to aquatic life
 H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

Prevention P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.
 P263 Avoid contact during pregnancy/while nursing.

SAFETY DATA SHEET

SDS: A1290-0100_E001

Date Prepared: 2022/07/22

Date Revised: 2023/01/10

Product Name: **NEWCOL 290-A**

P264 Wash hands and face thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response P331 Do NOT induce vomiting.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/healthcare professionals under the supervision of a doctor.
 P302+P352 IF ON SKIN: Wash with plenty of water/or shower.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308+P313 IF exposed or concerned: Get medical advice/attention.
 P332+P313 If skin irritation occurs: Get medical advice/attention.
 P337+P313 If eye irritation persists: Get medical advice/attention.

Storage P405 Store locked up.

Disposal P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

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
Di(2-ethylhexyl) sulfosuccinic acid, sodium salt	75	577-11-7	2-1620, 2-1623	Public	Not applicable	Not applicable	Not applicable
Kerosine	25 (17.5-20)	Registered	Listed	Public	Not applicable	Not applicable	Not applicable
(Mineral oil)		Registered	Listed	Public	Applicable	Not applicable	Not applicable

SAFETY DATA SHEET

SDS: A1290-0100_E001

Date Prepared: 2022/07/22

Date Revised: 2023/01/10

Product Name: **NEWCOL 290-A**

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.

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.

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.

SAFETY DATA SHEET

SDS: A1290-0100_E001

Date Prepared: 2022/07/22

Date Revised: 2023/01/10

Product Name: **NEWCOL 290-A**

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). This product can be charged with static electricity. Take countermeasures for static electricity removal (grounding, others). Wear antistatic clothes and antistatic shoes to prevent human body electrification. Use explosion-proof electrical/ventilating/lighting equipment.
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.
-----------------------------------	--

SAFETY DATA SHEET

SDS: A1290-0100_E001

Date Prepared: 2022/07/22

Date Revised: 2023/01/10

Product Name: **NEWCOL 290-A**

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
Di(2-ethylhexyl) sulfosuccinic acid, sodium salt	Not established	Not established	Not established	Not established
Kerosine	Not established	Not established	Not established	Not established
Mineral oil	Not established	-ppm 3mg/m ³ as oil mist	-ppm 5mg/m ³ Pure, highly & severely refined, Inhalable particulate matter	Not established

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.)
Use an oiliness apron-resistant, boots depending on the situation.

Hygiene measures: Wash with soap and water after handling.

9. Physical and chemical properties

Product

- Form: Liquid (20°C)
- Color: No data
- Odor: Aromatic odor
- Melting point/freezing point: 60(°C)

SAFETY DATA SHEET

SDS: A1290-0100_E001

Date Prepared: 2022/07/22

Date Revised: 2023/01/10

Product Name: **NEWCOL 290-A**

Initial boiling point and boiling range:	No data
Flammability (solid, gas):	No data
Upper/lower flammability or explosive limits:	No data
Flash point:	107(°C) (Cleveland Open Cup)
Auto-ignition temperature:	No data
Decomposition temperature:	No data
pH:	No data
Viscosity:	1500(mPa · s)
Kinematic viscosity:	No data
Solubility:	water : Dispersible.
Partition coefficient: n-octanol/water:	No data
Vapour pressure:	No data
Specific Gravity:	1.052(20°C)
Vapour density:	No data
Particle characteristics:	No data

10. Stability and reactivity

Chemical stability:	Stable under normal temperatures and pressures.
Possibility of hazardous reactions:	It may react with the oxidizing agent and generate heat.
Conditions to avoid:	Avoid heat, flames, sparks and ignition sources.
Incompatible materials:	Acid, Oxidizing agents.
Hazardous decomposition products:	No data available

11. Toxicological information

Product

Acute toxicity (oral):	No Classification
Acute toxicity (dermal):	No Classification
Acute toxicity (inhalation):	Classification not possible (Gas) Classification not possible (Vapour) Classification not possible (Dust/Mist)
Skin corrosion/irritation:	Category 2
Serious eye damage/irritation:	Category 2
Respiratory sensitization:	Classification not possible

SAFETY DATA SHEET

SDS: A1290-0100_E001

Date Prepared: 2022/07/22

Date Revised: 2023/01/10

Product Name: **NEWCOL 290-A**

Skin sensitization:	Classification not possible
Mutagenicity:	Classification not possible
Carcinogenicity:	Classification not possible
Reproductive toxicity:	Category 2
Target organ effect/Single exposure:	Classification not possible
Target organ effect/Multi exposure:	Classification not possible
Respiratory toxic:	Category 1

Ingredient

Di(2-ethylhexyl) sulfosuccinic acid, sodium salt

Acute toxicity (oral):	No Classification LD50: 1800-4300 mg/kg[rat]
Acute toxicity (dermal):	No Classification LD50:> 10000 mg/kg[rabbit]
Acute toxicity (inhalation):	Exempt classification (Gas) Classification not possible (Vapour) Classification not possible (Dust/Mist) Effect on animals : No data
Skin corrosion/irritation:	Category 2 Effect on animals : Necrosis with score values of 2.33 (erythema) and 2.5 (edema) after 24 hours and core values of 1.66 (erythema) and 1.6 (edema) after 72 hours in a study in which 0.5 mL was occluded and applied to rabbits And from the description that no irreversible change was observed (IUCLID (2000)), it was classified as Category 2.
Serious eye damage/irritation:	Category 2 Effect on animals : No necrosis or irreversible changes were observed in rabbits with 100 mg (IUCLID (2000)), and 250 µg was applied to rabbits with mild irritation. From the description of (Mild irritation) (HPVIS (2009)), it was classified as Category 2.
Respiratory sensitization:	Classification not possible Effect on person : No data
Skin sensitization:	Classification not possible Effect on person : No data
Mutagenicity:	Classification not possible Cannot be classified due to lack of in vivo test data.
Carcinogenicity:	Classification not possible No data

SAFETY DATA SHEET

SDS: A1290-0100_E001

Date Prepared: 2022/07/22

Date Revised: 2023/01/10

Product Name: **NEWCOL 290-A**

Reproductive toxicity:	<p>Category 2</p> <p>In a mixed-fed study of pregnant rats during organogenesis, exposure to suppressed weight gain in mothers significantly increased absorption embryos and external malformations in offspring (JECFA 723 (1991)). From the description of, it was classified as Category 2. In addition, in a three-generation mixed diet study (0, 0.5, or 1.0%. Mixed diet) of rats, the secretion of the substance into breast milk showed suppression of weight gain and decreased survival rate, which are thought to be caused by malnutrition in the offspring. (JECFA 723 (1991)), it was classified as "additional category: effect on or through breastfeeding".</p>
Target organ effect/Single exposure:	<p>Classification not possible</p> <p>In an acute oral exposure test in rats (dose: 2820, 3560, 4480, 5040 mg / kg), death was observed in the group receiving 3560 mg / kg or more, and most of the deaths were 6-24 hours after exposure. Seen within. As toxic symptoms, prone state and lethargy were observed, and yellow liquid was observed in the gastrointestinal tract in dead animals, but no visible disorder was observed in the dissection of living animals (USEPA / HPV (2001)). There is. However, the above study was conducted at a high dose exceeding the upper limit of the guidance value of Category 2, and the effect on the dose within the guidance value was unknown, so it was judged as "cannot be classified" due to lack of data.</p>
Target organ effect/Multi exposure:	<p>Classification not possible</p> <p>In a 90-day dietary administration test (1% diet (converted value: 500 mg / kg / day)) of rats, no death or abnormal behavior was observed, and weight gain, food intake, hematology test, urinalysis, disease From the description (USEPA HPV (2001)) that no administration-related effects were observed in physical examination, oral exposure was not classified, but toxic effects of other routes (inhalation, transdermal). There is no data, and there is no data, so it cannot be classified.</p>
Respiratory toxic:	<p>Classification not possible</p> <p>Effect on person : No data</p>
Kerosine	<p>No Data</p>

SAFETY DATA SHEET

SDS: A1290-0100_E001

Date Prepared: 2022/07/22

Date Revised: 2023/01/10

Product Name: **NEWCOL 290-A**

12. Ecological information

Product

Ecotoxicity	
Acute toxicity:	Category 3
Chronic toxicity:	Category 3
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.

Ingredient

Di(2-ethylhexyl) sulfosuccinic acid, sodium salt

Ecotoxicity	
Acute toxicity:	Category 3
Fish:	96hrLC50: 68.2 mg/L[Oryzias latipes]
Daphnia:	48hrEC50: 19.0 mg/L[Daphnia magna]
Algae:	No data
Chronic toxicity:	Category 3
Fish:	No data
Daphnia:	21dayNOEC: 7.03 mg/L[Daphnia magna]
Algae:	No data
Persistence and degradability :	Not rapidly biodegradable
Bioaccumulative potential :	Low bioconcentration
Hazardous to the ozone layer:	Classification not possible

Kerosine

Ecotoxicity	
Acute toxicity:	No data
Chronic toxicity:	No data

13. Disposal considerations

Disposal methods:	<p>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.</p> <p>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.</p>
-------------------	--

SAFETY DATA SHEET

SDS: A1290-0100_E001

Date Prepared: 2022/07/22

Date Revised: 2023/01/10

Product Name: **NEWCOL 290-A**

14. Transport information

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

15. Regulatory information

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

16. Other information

Reference	Information obtained in NITE (National Institute of Technology and Evaluation) and other literature surveys.
Disclaimer	<p>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.</p> <p>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.</p> <p>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.</p> <p>We have paid close attention to the contents, but we do not guarantee the contents.</p> <p>This product can only be used for industrial purposes. If you want to use it for other purposes, please contact us in advance.</p>