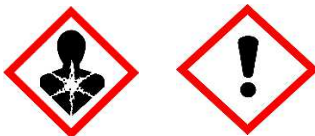


1	Product and company identification		Date : 2021.04.27
	Product Name:	Granite surface plate cleaner GSC-300Y_GSC-1000Y	(revised) 2024.04.05
	Product code :	150641_2	
	Company name:	Niigata Seiki Co., Ltd.	
	Address:	5-3-14 Tsukanome, Sanjo-city, Niigata, Japan	
	Telephone: 81-256-33-5502	Facsimile: 81-256-33-5558	
	Recommended use and restriction of use: Cleaner for Granite surface plate		
2	Hazards Identification		
	GHS classification		
	Physicochemical hazards	Not classification or Not classified	
	Health Hazards	Skin corrosion/Irritation	category 3
		Skin sensitization	category 1
		Reproductive toxicity	category 1B
		Specific target organ toxicity - Single exposure	category 3 (respiratory tract irritation, narcotic effects)
		Hazardous to the aquatic environment -short - term acute	category 3
	Label elements		
	Symbols (Pictograms)		
	Signal Word	Danger	
	Toxicological health effects	H316 Causes mild skin irritation H317 May cause an allergic skin reaction H360 May damage fertility or the unborn child H371 May cause damage to organs	
	Precautions		
	Safety measure	P261 Do not breathe dust/fume/gas/mist/vapors/spray P272 Contaminated work clothing should not be allowed out of the workplace P280 Wear protective gloves P201 Obtain special instructions before use P202 Do not handle until all safety precautions have been read and understood P263 Avoid contact during pregnancy/while nursing P264 Wash hands thoroughly after handling P270 Do no eat, drink or smoke when using this product P271 Use only outdoors or in a well-ventilated area	
	First-aid measure	P305+P351+P338, P337+P313 If in eyes, wash with plenty of water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists : Get medical advise/attention	
	Storage	P405 Store locked up	
	Disposal	P501 Dispose of contents/container should be in accordance with local and prefecture regulations	
3	Composition and Information on Ingredients		
	Single Substance or Compound: Compound		
	Material name:	wt.%	
	Linear alkyl benzene sulfonic acid and salts (C=10-14)	2.1%	
	Solubilizer	Not disclosed	
	Methanol	< 1 %	
	Non-ionic surfactant	Not disclosed	
	Thickener	Not disclosed	
	pH regulator	Not disclosed	
	Preservative	Not disclosed	
	Deionized water	Balance	

4 First-Aid Measures

If on skin	Wash the skin with running water or shower. Wash contaminated clothing before reuse If irritation occurs with the cleaner remaining on the skin, get medical advice/attention
If in eyes	Wash with plenty of water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If swallowed	Rinse mouth. Get medical advice/attention if you feel unwell

Expected acute and tardive symptom, most important sign and symptoms No information

Symptoms and most important signs and symptoms No information

First-aid protection When rescuing the sufferer, wear appropriate protective equipment according to the situation

5 Fire-Fighting Measures

Extinguishing media:	General fire extinguishers such as water, foam, powder, CO ₂ etc. can be used
Specific methods of fire-fighting:	This product is nonflammable, but in case fire in the surroundings, move the product to a safe place immediately. If it cannot be moved, spray water from the upwind side to the container and its surroundings to cooling
Protection for firefighters:	Firefighters should wear appropriate protective clothing and avoid inhalation of the smoke

6 Accidental Release Measures

Personal precautions:	Wear protective equipment, such as protective glasses, rubber gloves, rubber boots and protective clothing, if necessary
Environmental precautions:	Avoid discharging the product to the storm water drainage ditch, river or sea
Methods for removal:	Collect the product in an empty container as much as possible with a squeegee or other tool After collecting, or if some of the product remains, wash it away with plenty of water

7 Handling and Storage Precautions

Handling	Technical measures:	Take the facility measures specified in 「8. Exposure controls and Personal Protection」, and wear protective equipment
	Precautions for safe handling:	Read and understand all safety precautions before handling Avoid inhalation of mist, vapor and spray. Avoid contact with eyes. Avoid inhalation and swallowing.
	Contact avoidance:	Refer to 「10. Stability and Reactivity」
Storage	Technical measures:	Store the product in the place with a floor structure that does not allow water to enter or permeate into the floor surface. The floor of the storage place must have a structure that does not allow hazardous substances to permeate, and be ramped appropriately and equipped
	Incompatible materials:	Refer to 「10. Stability and Reactivity」
	Storage conditions:	Keep the container tightly sealed and away from children
	Container packaging materials:	No information

8 Exposure Controls and Personal Protection

Control concentration Not established

Material name	Permissible concentration (exposure limit, biological exposure index)	
	Japan Society for Occupational Health	ACGIH
Methanol	200ppm 260mg/m ³ (percutaneous absorption) (2009 ver.)	TWA 200ppm STEL250ppm Skin (2009 ver.)

Facility measures Install an eye washer and equipment for body cleaning near the handling place
Indicate the location of the washer and equipment clearly

Protective equipment

Hand protection	Wear appropriate protective gloves. (rubber gloves, etc.)
Eye protection:	Wear appropriate eye protection equipment. (protective glasses)
Skin and body protection:	Wear appropriate protective clothing, boots, apron, etc.
Hygiene measures:	Do not eat, drink, or smoke while handling this product Wash hands thoroughly after handling

9 Physical and Chemical Properties

Physical state, form, color: Liquid Transparent or light yellow
 Odor: Slight raw material odor
 pH: 6.0 to 8.0 (undiluted solution)
 Flashpoint: Nonflammable
 Solubility: Water-soluble

* Items not listed are "no data"

10 Stability and Reactivity

Chemical stability: Stable in normal conditions of use
 Possibility of hazardous reactions: Stable and has no hazardous reaction known in normal conditions of use
 Conditions to avoid: Storage at a temperature of 40°C or higher, direct sunlight, open state
 Incompatible materials: None
 Hazardous decomposition products: None

11 Toxicological Information

Information for the materials

Material name	Toxicity class	Toxicity category	Route of exposure	Target organs
Linear alkylbenzene sulfonic acid and salts (C=10-14)	Acute toxicity	Category 4	Ingestion	
	Skin corrosive/irritation	Category 2		
	Serious eyes damage/eyes irritation	Category 2A		
	Skin sensitization	Category 1		
	Target organs /systemic toxicity (single exposure)	Category 3		Respiratory tract irritation
Solubilizer	Not applicable			
Methanol	Acute toxicity	Category 4	Ingestion	
	Serious eyes damage/eyes irritation	Category 2		
	Reproduction toxicity	Category 1B		
	Target organs /systemic toxicity (single exposure)	Category 1		Central nervous system, optic organ, systemic toxicity
	Target organs /systemic toxicity (repeated exposure)	Category 3		Anesthetic action
Non-ionic surfactant	Target organs /systemic toxicity (single exposure)	Category 1		Liver
	Target organs /systemic toxicity (single exposure)	Category 3		Anesthetic action
	Target organs /systemic toxicity (repeated exposure)	Category 2		Liver, kidneys, blood, central nervous system
Thickener	Serious eyes damage/eyes irritation	Category 2B		
Preservative	No applicable due to the content (less than 0.1%)			

* Acute toxicity (oral) of the product was determined as "Not classified" due to 5,000<ATEmix.

* Skin corrosive/irritation of the product was determined as "Category 3" due to 10%> substances of skin category II ≥1.0%.

* Serious eyes damage/eyes irritation of the product was determined as "Not classified" due to substances of eye category 2/2A <10%.

* Sensitization of the product was determined as "Category 1" due to substances with skin sensitization ≥1.0%.

* Reproduction toxicity of the product was determined as "Category 1" due to substances of reproduction toxicity category 1 ≥0.3%.

* Specific target organs/systemic toxicity (single exposure) was "Not classified" as Category 1 (central nervous system, optic organ, systemic toxicity, liver) and only classified as Category 3 (respiratory tract irritation, anesthetic action) because the content is less than the concentration limit (1.0%).

* Specific target organs/systemic toxicity (repeated exposure) was "Not classified" as either Category 1 (central nervous system, optic organ) or Category 2 (liver, kidneys, blood) because the content is less than the concentration limit (1.0%).

12 Ecological Information

No information for the product

Information for the materials

Aquatic environmental toxicity: acute

Determined as "Not classified" due to Acute II $\leq 25\%$, $(M \times 10 \times \text{Acute II}) + (M \times \text{Acute III}) \leq 25\%$

Aquatic environmental toxicity: chronic

Classification not possible because the data is insufficient

13 Disposal Consideration

Residues:

In case of a small amount, dilute it with plenty of water and then discharge it

Contaminated packaging:

In case of a large amount, outsource to an professional industrial waste
Dispose of the empty container after removing the content completely

14 Transport Information

International Marine transport:

Non-dangerous goods

Air transport:

Non-dangerous goods

Domestic Rail and road transport:

No specific restriction

Marine transport:

Non-dangerous goods

Air transport:

Non-dangerous goods

Specific safety measures:

Before transportation, check the container for breakage, corrosion, and leak
Perform loading and unloading operations and handle the load carefully
so as not to damage the container
Avoid overturn, fall-down and damage when loading and take measures to
prevent load collapse
Avoid transportation under direct sunlight. Avoid exposure to water

15 Regulatory Information

Fire service Act (Japan):

Not classified as dangerous goods

Industrial Safety and Health Act (Japan):

Dangerous or Harmful Substances Whose Names, etc. Should Be
Indicated (Article 57 (1), Order for Enforcement Article 18) (Cabinet
Dangerous or Harmful Substances Whose Names, etc. Should Be Notified
(Article 57 (2), Order for Enforcement Article 18-2 Appended Table 9)
(Cabinet Order No.9-560)

Poisonous and Deleterious substances
Control Act: (Japan):

Not applicable

PRTR (Japan):

Pollutant Release and Transfer

Register Law

Class 1 Designated Chemical Substances (Article 2 (2), Order for
Enforcement Article 1 Appended Table1) Linear alkylbenzene sulfonic
acid and salts

(having an alkyl group carbon number of 10 to 14 or its mixture)

Chemical Substances Control Law (Japan): Priority assessment chemical substance No. 140

16 Other Information

The above information is based on our present materials information and data. This product is designed for specific industrial use only. Make sure to use this product only for intended purpose and use in the correct way of using specified by our company. Refer to the SDS and catalog before use, and make sure to handle the product after reading and understanding all safety precautions. All chemicals may have unknown hazards and must be handled with extreme care. This sheet is based on the best possible information we can obtain, and shall not constitute a guarantee for the completeness or correctness of the information

Accident history :

No information