

Serial No.		Product name	$\alpha$ Multicleaner Eco
Revision Date	Jul. 18, 2024	Supplier	TRUSCO NAKAYAMA CORPORATION

## Safety Data Sheet (SDS)

### 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name :  $\alpha$  Multicleaner Eco  
Product No. : PS-20, PS-03  
Serial No. :  
Recommended Use, Features : For general dirt in the office and home.  
Supplier : TRUSCO NAKAYAMA CORPORATION  
Address : 4-28-1 Shimbashi, Minato-ku, Tokyo-to 105-0004 Japan  
Department in charge : Tokyo Product Department PB Quality Assurance Section  
Publisher Contact : Customer Service Department  
TEL : 0120-509-849  
FAX : 0120-509-839

### 2 HAZARDS IDENTIFICATION Information as chemical substances

GHS classification  
Not applicable

GHS label elements  
Hazard symbol  
None

Pictogram  
None

Signal word  
None

Hazard statement  
None

Precautionary statement  
None

### 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substance/preparation : Preparation

Components (wt%)

Chemical name	Chemical formula	CAS No.	Concentration (wt%)
SOAP BASE (FATTY ACID POTASSIUM) POTASSIUM LAURATE	$C_{12}H_{23}KO_2$	10124-65-9	30-40
CHELATING AGENT (TETRASODIUM EDTA) TETRASODIUM 2,2',2'',2'''-( (ETHYLENEDINITRIL)O)TETRAACETATE	$C_{10}H_{12}N_2Na_4O_8$	64-02-8	< 1
COLORING MATTER (GREEN No. 201) ALIZARIN CYANIN GREEN F	$C_{28}H_{20}N_2Na_2O_8S_2$	4403-90-1	trace
COLORING MATTER (GREEN No. 204) PYRANINE CONC	$C_{16}H_7Na_3O_{10}S_3$	6358-69-6	trace
WATER	$H_2O$	7732-18-5	up to 100

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#### 4 FIRST AID MEASURES

- Inhalation : Immediately evacuate the patient to a well-ventilated area.  
If symptoms persist, seek medical attention.
- Skin contact : Wash off the product with water.  
: If skin irritation occurs, seek medical attention.
- Eye contact : Do not rub eyes. Immediately flush eyes with water.  
: Rinse cautiously with water for several minutes.  
: Remove contact lenses, if present and easy to do. Continue rinsing.  
: If eye irritation persists, seek medical attention.
- Ingestion : Rinse mouth with water and drink plenty of water to dilute the concentration.  
If symptoms persist, seek medical attention.

#### 5 FIRE FIGHTING MEASURES

- Suitable extinguishing media  
: Foam, powder or carbon dioxide gas, etc.
- Specific fire extinguishing methods  
: Remove the container from the fire area if there is no danger.  
Remove ignition sources if safe to do so.
- Special protective equipment for firefighters  
: Wear proper self-contained breathing apparatus and heat resistant protective clothing.

#### 6 ACCIDENTAL RELEASE MEASURES

- Environmental precautions  
: Avoid release of undiluted solution to the river.
- Removal method : For small spills, wipe small spills with a rag.  
For large spills, collect it in an empty covered container.

#### 7 HANDLING AND STORAGE

##### Handling

##### Technical Measures

- : Seal the container each time it is handled.
- : Wash hands thoroughly after handling.
- : Avoid contact with eyes and clothing.
- : Do not use if there are any symptoms on the skin such as wounds, inflammation or eczema.

##### Storage

##### Conditions for safe storage

- : Store sealed in a cool, dark place away from water, moisture, high temperatures, and direct sunlight.

##### Compatible materials for storage container

- : When storing again in a sealed container, make sure the container is tightly closed.
- : Store only in the specified product container.

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## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Management concentrations

Chemical name	Management concentrations	Japan Society for Occupational Health	Control parameter (ACGIH)
SOAP BASE(FATTY ACID POTASSIUM) POTASSIUM LAURATE	Not established	Not established	Not established
CHELATING AGENT (TETRASODIUM EDTA) TETRASODIUM 2,2',2'',2'''-( (ETHYLENEDINITRILLO)TETRAACETATE	Not established	Not established	Not established
COLORING MATTER(GREEN No. 201) ALIZARIN CYANIN GREEN F	Not established	Not established	Not established
COLORING MATTER(GREEN No. 204) PYRANINE CONC	Not established	Not established	Not established
WATER	Not established	Not established	Not established

Appropriate engineering control : Nothing special

### Personal protective Equipment

Hand protection : Wear rubber gloves as needed.

Eye protection : Wear eye protection as needed.

### Skin and body protection

: Wear working clothing and apron as needed.

### Appropriate hygiene measures

: Nothing special

## 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid
Color	: Clear, green
Odor	: Faint raw material odor
Olfactory threshold value	: Not known
pH	: 11-12 (alkaline)
Melting point(°C)	: Not known
Freezing point(°C)	: Not known
Boiling point or initial boiling point and boiling range(°C)	: Not known
Flash point(°C)	: Not known
Evaporation rate	: Not known
Flammability (gas, solid)	: Not known
Explosion limit/flammability limit	
Lower	: Not known
Upper	: Not known
Vapor pressure (KPa)	: Not known
Vapor density	: Not known
Specific gravity (Relative density)	: 1.05 (typical value)
Solubility	: Soluble in water
Partition coefficient n-octanol/ water (log value)	: Not known
Auto-ignition temperature	: Not known
Decomposition temperature	: Not known
Kinematic viscosity	: $\geq 45\text{mPa}\cdot\text{s}$

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## 10 STABILITY AND REACTIVITY

Reactivity	:	Stable under normal conditions.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No data available
Conditions to avoid	:	Direct sunlight and high temperature ( $\geq 50^{\circ}\text{C}$ ).
Incompatible materials	:	No data available
Hazardous decomposition product	:	No data available

## 11 TOXICOLOGICAL INFORMATION Information as chemical substances

### Acute toxicity

(Oral)	:	Not known
(Dermal)	:	Not known
(Inhalation: vapors)	:	Not known
(Inhalation: gas)	:	Not known
(Inhalation: dust & mists)	:	Not known

Skin corrosion/irritation	:	Not known
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Serious eye damage/eye irritation	:	Not known
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### Respiratory sensitization/skin sensitization

Respiratory sensitization	:	Not known
Skin sensitization	:	Not known

Germ cell mutagenicity	:	Not known
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Carcinogenicity	:	Not known
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Reproductive toxicity	:	Not known
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(Effects on or through breastfeeding)	:	Not known
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Specific target organ/systemic toxicity following single exposure	:	Not known
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Specific target organ/systemic toxicity following repeated exposure	:	Not known
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Aspiration hazard	:	Not known
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## 12 ECOLOGICAL INFORMATION

Ecotoxicity	:	Not known
Persistence and degradability	:	Not known
Bioaccumulative potential	:	Not known
Mobility in soil	:	Not known
Hazardous to the aquatic environment (acute)	:	Not known
Hazardous to the aquatic environment long-term	:	Not known
Hazardous to the ozone layer	:	Not known

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### 13 DISPOSAL CONSIDERATIONS

Waste residues : Disposal should be done in accordance with local, state, and national laws.  
 Entrust the disposal to an industrial waste disposal contractor licensed by the government  
 with a clear description of the contents of the waste.

Used container : Disposal should be done in accordance with local, state, and national laws.

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### 14 TRANSPORT INFORMATION

#### Japanese regulations

Land transportation : Not regulated  
 Marine transportation : Not regulated  
 Air transportation : Not regulated

#### International regulations

UN number : Not applicable  
 Proper Shipping Name : Not applicable  
 UN classification : Not applicable  
 Packing group : Not applicable  
 Marine pollutants : Not applicable  
 Transport of liquid substance in bulk according to Annex II of MARPOL 73/78 and the IBC Code  
 : Not applicable

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### 15 REGULATORY INFORMATION

#### 【Industrial Safety and Health Act】

Article 57 (Hazardous substances to be labeled) : Not applicable  
 Article 57-2 (Substance subject to notice) : Not applicable  
 Ordinance on Prevention of Hazards Due to Dust : Not applicable  
 The regulations of the Pneumoconiosis Law : Not applicable

#### 【Act on the Evaluation of Chemical Substances

and Regulation of Their manufactures, etc.(Chemical Substances Control Law)】

(Article 2 of Chemical Substances Control Law, Revised on 2011/4/1)

: Not applicable

【Japanese Pollutant Release and Transfer Register (PRTR)】 : Not applicable

【Poisonous and Deleterious Substances Control Act】 : Not applicable

【Fire Service Act】 : Not applicable

【High-Pressure Gas Safety Act】 : Not applicable

【Air Pollution Control Act】 : Not applicable

【Water Pollution Prevention Act】 : Not applicable

【Water Supply Service Act】 : Not applicable

【Soil Contamination Countermeasures Act】 : Not applicable

【Act on Prevention of Marine Pollution and Maritime Disaster】

: Not applicable

【Waste Management and Public Cleansing Act】 : Not applicable

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【Export Trade Control Order】

Goods listed in the row 1 of Appended Table 1

Export, Paragraph number : Not applicable

Goods, Paragraph number : Applicable. Enter the enforcement order item number, etc.

Paragraph 16 – 1 : Not applicable

Paragraph 16 – 2

Applicable category : 34

HS Code : 340211

## 16 OTHER INFORMATION

Important safety information : IF IN EYES: Thoroughly flush eyes with plenty of clean water, and then seek medical attention.

Specific safety education :

Recommended handling method of chemicals : Use undiluted solution – 10 times diluted solution depending on the degree of soiling

Restrictions :

Manufacturer : SARAYA, CO., LTD.

Raw material names :

### Reference

JIS Z 7253(2019)

NITE (National Institute of Technology and Evaluation) web site

Japan Industrial Safety and Health Association web site

Other references – SDS of raw material/ SDS of the manufacturer of the product

This document is complete and thorough to the best of our knowledge. Note that information such as concentration (physico-chemical quality, hazardous, etc.) is provided in order to use the product safely, not to guarantee the safety of the product. Any of the above information may be changed without prior notice.

Precautions are intended for normal handling, but in the case of special handling, please implement it after taking new safety measures suitable for the application and usage.