

Tapping Spray NON-GAS (ECO-TS-C,C4,C18)	SDS No.	5772
	Revision Date	Jan. 30, 2025

## SAFETY DATA SHEET(SDS)

### 1 PRODUCT AND COMPANY IDENTIFICATION

Product Name : Tapping Spray NON-GAS (ECO-TS-C,C4,C18)  
 Company Name : TRUSCO NAKAYAMA CORPORATION  
 Address : 28-1 SHINBASHI 4-chome,MINATO-KU,TOKYO,JAPAN  
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### 2 HAZARDS IDENTIFICATION

Hazards Category  
 Flammable Liquids : Category 3  
 Acute Toxicity(Inhalation) : Category 4  
 Skin Corrosion/Irritation : Category 2  
 Respiratory/Skin Sensitizer : Category 1  
 Specific Target Organ Systemic Toxicity(Single Exposure) : Category 3  
 Aspiration Hazard : Category 1  
 Hazardous to The Aquatic Environment(Acute) : Category 3  
 Hazardous to The Aquatic Environment(Chronic) : Category 3

The one without the description cannot be classified.

#### Allocation of Label Elements

##### Pictogram

Flame  
 Exclamation mark  
 Health Hazard



##### Signal Word

Danger

##### Hazard Statement

Flammable liquid and vapour  
 Harmful if inhaled  
 Cause skin irritation  
 May cause an allergic skin reaction  
 May cause respiratory irritation; or May cause drowsiness or dizziness  
 May be fatal if swallowed and enters airways  
 Harmful to aquatic life  
 Harmful to aquatic life with long lasting effects

##### Precautionary Statement

###### Prevention

Before use, read the safe data sheet (SDS).  
 Keep out of reach of children.  
 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
 Keep container tightly closed.  
 Ground/Bond container and receiving equipment.  
 Use explosion-proof electrical/ventilating/lighting/equipment.  
 Use only non-sparking tools.  
 Take precautionary measures against static discharge.  
 Do not breathe dust/fume/gas/mist/vapours/spray.  
 Wash points of contact thoroughly after handling.  
 Use only outdoors or in a well-ventilated area.

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Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection/respiratory protection.

#### Response

In case of fire : Use dry chemical, carbon dioxide(CO<sub>2</sub>), and foam to extinguish.

IF SWALLOWED : Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

IF ON SKIN : Wash with plenty of soap and water.

IF skin irritation or rash occurs : Get medical advice/attention.

IF INHALED : Remove person to fresh air and keep comfortable for breathing.

Get medical advice/attention if you feel unwell.

IF IN EYES : Rinse cautiously with water for several minutes. Get medical advice/attention.

Take off contaminated clothing.

Wash contaminated clothing before reuse.

#### Storage

Store locked up.

Store in a well-ventilated place. Keep container tightly closed. Keep cool.

#### Disposal

Dispose of contents /container in accordance with local/regional/national/international regulations.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

#### Ingredients and Contents

Component name	CAS number	wt%
Mineral oil	Trade secret	55~65
Naphtha (petroleum), hydrotreated heavy	64742-48-9	15~25
Lubricating additives	Trade secret	10~20
1,3,4-Thiadiazole, 2,5-bis(octyldithio)-	13539-13-4	1~5
Sulfurized 2,4,4-trimethylpentene	68515-88-8	1~5

### 4 FIRST-AID MEASURES

#### Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Call a physician if you feel unwell.

#### Skin

Wash with plenty of soap and water.

Call a physician if you feel unwell.

#### Eye

Immediately flush eyes with plenty of water for at least 15 minutes.

Call a physician.

#### Ingestion

Rinse mouth. Do not induce vomiting.

Call a physician.

### 5 FIRE-FIGHTING MEASURES

#### Extinguishing Media

Dry chemical, carbon dioxide(CO<sub>2</sub>), and foam

#### Specific Fire Fighting

Must not use water to extinguish fires.

Quickly removed from the surrounding flammable.

The use of extinguishing agents specified.

Fire fighting is done from the windward.

On small fires use carbon dioxide (CO<sub>2</sub>) or dry chemical.

On large fires use dry chemical or foam.

Sealed containers that are exposed to high temperatures over the water to cool.

#### Protection for Fire-fighter

Wear full body protective clothing with breathing apparatus.

### 6 ACCIDENTAL RELEASE MEASURES

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#### Personal Precautions

Wear protective equipments in case of operation.

#### Environmental Precautions

Avoid release to the environment.

#### Methods for Cleaning Up

Remove potential ignition source in vicinity as soon as possible.

Prepare extinguishing agent.

Prevent leakage by enclosing with nonflammables and collect into empty container by scoop or the like.

Absorbed to non-flammable dry sand, if a large amount of spill to prevent enclosed in embankment.

Spilled material is collected in a container that can be sealed, then remove to safe place.

Deposits, waste treatment is based on the local regulations.

Working from the windward, to evacuate people downwind.

## 7 HANDLING AND STORAGE

#### Handling

Use in a well ventilated area.

Keep away from heat, spark and flames.

Use spark-proof tools and explosion-proof equipment.

After handling, wash well hands and face and rinse your mouth.

Facilities storing or utilizing this material should be equipped with an eye wash facility and a safety shower.

Leakage, overflow, to prevent scattering, we do not generate steam in vain.

In the handling area and deny unnecessary entry.

Resting place shall not bring contaminated protective equipment such as gloves.

Wear protective equipments when risk of exposure occurs.

To work in an enclosed area that you work with appropriate protective equipment with a local exhaust ventilation sufficient.

#### Precautions

Do not breathe vapor or mist.

Handling of the outdoors, as much as possible to work from the windward.

Note is flammable at higher temperatures.

#### Handling Precautions for Safety

Avoid physical damage to containers.

Keep containers securely sealed when not in use.

#### Storage

Fire prohibited strictly.

Keep away from sources of ignition.

Store in a cool, dry, well-ventilated area away from incompatible substances.

Separate from oxidizing materials.

Store in a tightly closed container.

#### Safe containers and packaging materials

None in particular.

## 8 EXPOSURE/PERSONAL PROTECTION

#### Engineering Controls

Handling equipment is used explosion-proof.

Attach an exhaust device to prevent vapor from staying.

That the equipment and shall become hot, and the source of ignition in the vicinity of the location, such as handling not been placed.

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

#### Exposure Limit Values

Chemical name	ACGIH
Mineral oil	TWA 5mg/m3(mist)
Naphtha (petroleum), hydrotreated heavy	TWA 100ppm

#### Personal Protective Equipment

##### Respiratory Protection

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Wear a gas mask for organic gas as required.

#### Skin Protection

Oil-resistant gloves

#### Eye Protection

Wear chemical worker's goggles.

#### Skin and body protection

Such as long-sleeved work clothes

#### Hygiene measures

Do not eat, drink or smoke during work.

Replacement of the adsorbent, such as the mask is performed each time or use plans.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	Liquid
Color	:	Brown
Odor	:	Solvent odor
pH	:	Not available
Boiling Point(°C)	:	Not available
Melting Point(°C)	:	Not available
Flammability	:	Not available
Flash point(°C)	:	40
Auto-ignition Temperature(°C)	:	Not available
Flammability or Explosive Limits		
Lower	:	Not available
Upper	:	Not available
Vapour Pressure (KPa)	:	Not available
Vapour Density	:	Not available
Relative density(g/cm <sup>3</sup> )	:	0.87
Solubility	:	Insoluble in water
Partition Coefficient: n-octanol/water	:	Not available
Decomposition Temperature(°C)	:	Not available
Dynamic viscosity rate	:	Not available
Relative gas density	:	Not available
Particle properties	:	Not available

## 10 STABILITY AND REACTIVITY

#### Stability

Stable under normal temperatures and pressures.

#### Reactivity

No self-reactive

#### Conditions to Avoid

Heat, flames, ignition sources and incompatibles.

#### Hazardous Decomposition Products

Carbon monoxide, carbon dioxide and other oxidized substances.

## 11 TOXICOLOGICAL INFORMATION

Chemical name	Acute toxicity (oral)	Acute toxicity (dermal)	Acute toxicity (inhalation: gas)	Acute toxicity (inhalation: vapour)	Acute toxicity (inhalation: dust, mist)	Skin corrosion / irritation	Serious eye damage / eye irritation
Mineral oil	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible
Naphtha (petroleum), hydrotreated heavy	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Category 2	Classification not possible

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Lubricating additives	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible
1,3,4-Thiadiazole, 2,5-bis(octyldithio)-	Classification not possible	Classification not possible	Category 4	Classification not possible	Classification not possible	Category 2	Classification not possible
Sulfurized 2,4,4-trimethylpentene	Not applicable to category	Not applicable to category	Not applicable to category	Classification not possible	Classification not possible	Classification not possible	Classification not possible

Chemical name	Respiratory/skin sensitizer	Germ cell mutagenicity	Carcinogenicity	Toxic to reproduction	Specific target organs/systemic toxicity following single exposure	Specific target organs/systemic toxicity following repeated exposure	Aspiration hazard
Mineral oil	Respiratory sensitizer: Classification not possible; Skin sensitizer: Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Category 1
Naphtha (petroleum), hydrotreated heavy	Respiratory sensitizer: Classification not possible; Skin sensitizer: Classification not possible	Classification not possible	Classification not possible	Classification not possible	Category 3 (narcotic effects)	Classification not possible	Category 1
Lubricating additives	Respiratory sensitizer: Classification not possible; Skin sensitizer: Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible
1,3,4-Thiadiazole, 2,5-bis(octyldithio)-	Respiratory sensitizer: Classification not possible; Skin sensitizer: Category 1	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible
Sulfurized 2,4,4-trimethylpentene	Respiratory sensitizer: Classification not possible; Skin sensitizer: Category 1	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible

## 12 ECOLOGICAL INFORMATION

Chemical name	Hazardous to the aquatic environment (Acute)	Hazardous to the aquatic environment (Chronic)	Hazard to the ozone layer	Residuality and decomposition	Ecological accumulation	Mobility in soil
Mineral oil	Classification not possible	Classification not possible	Classification not possible	No data	No data	No data
Naphtha (petroleum), hydrotreated heavy	Category 2	Category 2	Classification not possible	No data	No data	No data

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Lubricating additives	Classification not possible	Classification not possible	Classification not possible	No data	No data	No data
1,3,4-Thiadiazole, 2,5-bis(octyldithio)-	Classification not possible	Category 4	Classification not possible	No data	No data	No data
Sulfurized 2,4,4-trimethylpentene	Classification not possible	Classification not possible	Classification not possible	No data	No data	No data

### 13 DISPOSAL CONSIDERATIONS

Dispose of contents /container in accordance with local/regional/national/international regulations.

### 14 TRANSPORT INFORMATION

UN Class

Flammable liquid, Class 3

UN No.

UN1993

Packing Group

III

### 15 REGULATORY INFORMATION

Follow all regulations in your country.

### 16 OTHER INFORMATION

References

JIS Z 7253 (2019)

GHS data-base (NITE)

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.