

White Grease No.1,2 (TWG-400L-1,2)	SDS No.	242155
TRUSCO NAKAYAMA CORPORATION	Revision Date	May. 20, 2025

SAFETY DATA SHEET(SDS)

1 PRODUCT AND COMPANY IDENTIFICATION

Product Name : White Grease No.1,2 (TWG-400L-1,2)
 Company Name : TRUSCO NAKAYAMA CORPORATION
 Address : 28-1 SHINBASHI 4-chome,MINATO-KU,TOKYO,JAPAN
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2 HAZARDS IDENTIFICATION

Hazards Category
 Reproductive Toxicity : Category 2
 Specific Target Organ Systemic Toxicity(Single Exposure) : Category 1
 Hazardous to The Aquatic Environment(Acute) : Category 1
 Hazardous to The Aquatic Environment(Chronic) : Category 1

The one without the description cannot be classified.

Allocation of Label Elements

Pictogram

Health Hazard
 Environment



Signal Word

Danger

Hazard Statement

Suspected of damaging fertility or the unborn child
 May cause harm to breast-fed children
 Cause damage to organs
 Very toxic to aquatic life
 Very toxic to aquatic life with long lasting effects

Precautionary Statement

Prevention

Before use, read the safe data sheet (SDS).
 Keep out of reach of children.
 Do not handle until all safety precautions have been read and understood.
 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
 Do not breathe dust/fume/gas/mist/vapours/spray.
 Avoid contact during pregnancy/while nursing.
 Wash points of contact thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 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(CO2), 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.
 If exposed or concerned : Get medical advice/attention.

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Collect spillage.

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%
White mineral oil (petroleum)	8042-47-5	70~80
Aluminum complex soap	Trade secret	5~10
Zinc oxide	1314-13-2	5~10
Calcium carbonate	471-34-1	5~10

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(CO2), 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 (CO2) 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

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.

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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.

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
White mineral oil (petroleum)	TWA 5mg/m3
Zinc oxide	TWA 2mg/m3(R), STEL 10mg/m3(R)

Personal Protective Equipment

Respiratory Protection

- Wear an organic gas mask or air-supplied respirator if necessary.

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

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Physical State	:	Semi-solid
Color	:	White
Odor	:	Oil odor
pH	:	Not available
Boiling Point(°C)	:	Not available
Melting Point(°C)	:	Not available
Flammability	:	Not available
Flash point(°C)	:	220 (Base oil)
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/cm3)	:	0.98
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
White mineral oil (petroleum)	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible
Aluminum complex soap	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible
Zinc oxide	Not applicable to category	Not applicable to category	Not applicable to category	Not applicable to category	Not applicable to category	Not applicable to category	Not applicable to category
Calcium carbonate	Classification not possible	Classification not possible	Classification not possible	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

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White mineral oil (petroleum)	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
Aluminum complex soap	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
Zinc oxide	Respiratory sensitizer: Classification not possible; Skin sensitizer: Not applicable to category	Classification not possible	Classification not possible	Category 2	Category 1 (respiratory organs, systemic toxicity)	Classification not possible	Classification not possible
Calcium carbonate	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

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
White mineral oil (petroleum)	Classification not possible	Classification not possible	Classification not possible	No data	No data	No data
Aluminum complex soap	Classification not possible	Classification not possible	Classification not possible	No data	No data	No data
Zinc oxide	Category 1	Category 1	Classification not possible	No data	No data	No data
Calcium carbonate	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

Miscellaneous dangerous substances, Class 9

UN No.

UN3077

Packing Group

III

15 REGULATORY INFORMATION

Follow all regulations in your country.

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16 OTHER INFORMATION

References

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GHS data-base (NITE)

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