

Issue Date: February 19, 2016

Safety Data Sheet

1. Identification

Product Name: NONSEIZE NET.420ml
 Product Code: FC-162

Manufacturer Name: FINECHEMICAL JAPAN CO.,LTD.
 Address: 1-15-3 Fukuzumi, Koto-ku, Tokyo, Japan
 TEL: 03-3643-8877
 FAX: 03-3643-8890

Recommended use of the chemical and restrictions on use: Anti-seize lubricant for high temperature or high load.
 For professional use.

2. Hazards Identification

GHS Classification

| | | |
|------------------------|--|-----------------------------|
| Physical Hazards: | Aerosols | Category 1 |
| Health Hazards: | Skin Corrosion/Irritation | Category 2 |
| | Specific target organ toxicity (single exposure) | Category 3 Narcotic effects |
| Environmental Hazards: | Acute aquatic hazard | Category 3 |
| | Long-term aquatic hazard | Category 3 |

*Other hazards are not classified, not applicable or classification not possible.

GHS Label Elements

Symbol:



Signal word: Danger

Hazard Statement: Extremely flammable aerosol
 Pressurized container: may burst if heated
 Causes skin irritation
 May cause drowsiness or dizziness
 Harmful to aquatic life with long lasting effects

3. Composition/Information on ingredients:

Substance/Mixture

Mixture

| Ingredient | Weight % | CAS No. | |
|-----------------|----------|-----------|--|
| Aluminum powder | 3.9 | 7429-90-5 | |
| Graphite powder | 1.6 | 7782-42-5 | |
| Mineral oil | 10.4 | 8002-05-9 | |
| Mineral spirits | 0.3 | 8052-41-3 | |
| Stearic acid | 0.2 | 57-11-4 | |
| Cyclopentane | 8.8 | 287-92-3 | |
| Propane | 15.0 | 74-98-6 | |
| Butane | 59.8 | 106-97-8 | |
| Total | 100.0 | | |

4. First – aid measures:

IIF ON SKIN: Wash with plenty of water and soap.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 Call a doctor if you feel unwell.
 If skin irritation occurs: Get medical advice.
 Take off contaminated clothing and wash it before reuse.

5. Fire Fighting Measures

Extinguishing Media:
 Unsuitable extinguishing media:
 Specific hazards arising from the chemical:

Foam. Dry chemical powder. Carbon dioxide (CO₂).
 Do not use water jet as an extinguisher.
 Flammable liquid and vapor.

6. Accidental Release Measures

Wear appropriate protective clothing.
 Remove ignition sources.
 Avoid release to the environment.

7. Handling and Storage

Handling:

Keep away from heat/sparks/open flames/hot surfaces. No smoking.
 Do not spray on an open flame or other ignition source.
 Do not pierce or burn, even after use.
 Avoid breathing dust/fume/gas/mist/vapours/spray.
 Wash hands thoroughly after handling.
 Use only outdoors or in a well-ventilated area.
 Avoid release to the environment.
 Wear protective gloves/protective clothing/eye protection/face protection.

Storage:

Store in a well-ventilated place. Store locked up.
 Protect from sunlight. Do not expose to temperatures exceeding 40°C.

8. Exposure Controls/Personal Protection

ACGIH (TLV-TWA)

Cyclopentane:600ppm, Mineral spirits:100ppm
 Butane:800ppm, Propane:1000ppm

Engineering Controls:

Use adequate general and local exhaust ventilation to maintain exposure levels below that exposure limits.

Personal Protection:

Skin Protection:

Wear chemical resistant gloves.

Eye Protection:

Safety goggles recommended where eye contact is possible.

Work/Hygiene Practices:

Wash with soap and water after handling.

9. Physical and Chemical Properties

Appearance

Silver liquid

Odor

Organic solvent odor.

Boiling point

-42°C ~ 49°C

Flash point

Propellant -90°C, Base liquid -42°C

Explosion limit

Lower 1% / Upper 9%

Pressure

0.37MPa (25°C)

Density

0.62 (20°C)

10. Stability and Reactivity

Stability:

Stable under normal conditions of storage and use.

Possibility of hazardous reactions:

React with strong oxidizing agents.

Conditions to Avoid:

Avoid heat, sparks, flames and other sources of ignition. Do not puncture or incinerate containers.

Incompatibilities:

Strong oxidizing agents.

Hazardous Decomposition Products:

Carbon monoxide and carbon dioxide.

11. Toxicological information

| | |
|---|---|
| Acute toxicity: | |
| Acute Oral toxicity: | Not classified or classification not possible. |
| Acute Dermal toxicity: | Not classified or classification not possible. |
| Acute Inhalation toxicity: | Not classified or classification not possible. |
| Irritation/Corrosion: | The mixture is classified as Category 2. |
| Eye damage/Irritation: | Not classified or classification not possible. |
| Sensitization-Respiratory: | Not classified or classification not possible. |
| Germ cell mutagenicity: | Not classified or classification not possible. |
| Carcinogenicity: | Not classified or classification not possible. |
| Toxic to reproduction: | Not classified or classification not possible. |
| Specific target organ toxicity (Single exposure) | The mixture is classified as Category 3 Narcotic effects. |
| Specific target organ toxicity (Repeated exposure) | Not classified or classification not possible. |
| Aspiration hazard: | Not classified or classification not possible. |

12. Ecological Information

| | |
|--|--|
| Hazardous to the aquatic environment Acute hazard | The mixture is classified as Category 3. |
| Hazardous to the aquatic environment Long term hazard | The mixture is classified as Category 3. |

13. Disposal Considerations

Make sure containers are empty before discarding.
Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. Transport Information

| | |
|----------------------|---------------------|
| UN Number: | 1950 |
| Proper Shipping Name | AEROSOLS, FLAMMABLE |
| UN Class | CLASS 2.1 |

15. Regulatory Information

Follow all regulations in your country or region.

16. Other Information

Notice to reader

The information contained herein is based on all the information and data that we can obtain as of the date issued. However we do not give guarantee regarding the contents, physical or chemical properties, hazards or harm. All remarks and precautions are premised on ordinary handling and it is the user's responsibility to take enough considerations in case of particular use.