

Safety Data Sheet

1. Identification of the substance/mixture and of the company/undertaking

Product identifier:

Product name: NS 1001 GREASE / NS1001グリース

Product code(SDS NO): OK001001_E3-1

Details of the supplier of the safety data sheet

Name of Manufacturer : Yamaichi Chemical Industries Co., Ltd

Address: Ueno 1-10-12, Taito-ku, Tokyo, 110-0005 Japan

Division: Technical section

FAX: 03-3835-3820

Emergency telephone number (24h): 0287-98-2780

2. Hazards identification

GHS classification and label elements of the product

Classification of the substance or mixture

Not applicable to GHS classification

3. Composition/information on ingredients

Substance/Mixture:

Mixture

Ingredient name	Content(%)	CAS No.
Perfluoropolytrimethyleneoxide	60-70	113114-19-5
Polytetrafluoroethylene	30-40	9002-84-0

4. First-aid measures

Descriptions of first-aid measures

IF INHALED

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

IF ON SKIN (or hair)

Gently wash with plenty of soap and water.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media

Extinguisher. Carbon dioxide. Dry sand.

Advice for firefighters

Special protective equipment and precautions for fire-fighters

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

6. Accidental release measures

Personnel precautions, protective equipment and emergency procedures

When happened leaking, do collect the product and wear protect clothes while the work.

Preventive measures for secondary accident

Do guard against inflowing into drain, sewer, basement or closed place.

Do remove all ignitable causes.(forbid smoking at close and using fire)

Do earth all facilities when dealing with the leaked product.(for preventing static electricity.)

Not allowed to approach excluding persons concerned.

7. Handling and storage

Precautions for safe handling

Safety Measures/Incompatibility

Do use it at well ventilated place.

Do wear needed protect clothes.

Conditions for safe storage, including any incompatibilities

Recommendation for storage

Protect from sunlight. Store in a well-ventilated place.

8. Exposure controls/personal protection

Exposure controls

Appropriate engineering controls

Do not use in areas without adequate ventilation.

Individual protection measures

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Hand protection

Wear protective gloves.

Eye protection

Wear eye/face protection.

Skin and body protection

Wear face protection (as specified by the manufacturer/supplier or the competent authority.)

Wear protective clothing.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical properties

Appearance: Paste

Color: Opal

Odor: N.A.

Phase change temperature

Initial Boiling Point/Boiling point data N.A.

Melting point/Freezing point: -75~-54

Flash point data N.A.

Solubility

Solubility in water: Insoluble

10. Stability and Reactivity

Chemical stability

This product is considered to be stable under normal and anticipated storage and handling conditions.

11. Toxicological Information

Information on toxicological effects

Carcinogenicity

(Polytetrafluoroethylene)

IARC-Gr.3 : Not Classifiable as a Human Carcinogen

12. Ecological Information

Toxicity

Aquatic toxicity

When leaking, and disposing, it might influence the environment. Therefore, note handling.

Throw neither product nor the waste fluid into ground and the drain ditch.

13. Disposal considerations

Waste treatment methods

Dispose of waste material at an approved waste treatment/disposal facility in accordance with applicable local, federal regulations.

Throw neither product nor the waste fluid into ground and the drain ditch.

14. Transport Information

UN No, UN CLASS

Not applicable to UN NO.

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Other regulatory information

As for Japanese law and regulation, please refer to Japanese MSDS.

16. Other information

Reference Book

Recommendations on the TRANSPORT OF DANGEROUS GOODS 18th edit., 2013 UN
2012 EMERGENCY RESPONSE GUIDEBOOK(US DOT)

2015 TLVs and BEIs. (ACGIH)

<http://monographs.iarc.fr/ENG/Classification/index.php>

Supplier's data/information

General Disclaimer

This information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. It is advised to make their own tests to determine the safety and suitability of each such product or combination for their own purposes.