

Date of issue : 09/07/2020

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_E7-1

Details of the supplier of the safety data sheet

Name of Manufacturer : Yamaichi Chemical Industries Co.,Ltd

Address: Ueno 3-24-6, Taito-ku, Tokyo, 110-0005 Japan

Division: Technical section

Telephone number: 03-3832-8121

FAX: 03-3835-3820

Emergency telephone number: 0287-98-2780

2. Hazards identification

GHS classification and label elements of the product

Classification of the substance or mixture

Not classified/Classification not possible

3. Composition/information on ingredients

Mixture/Substance selection:

Mixture

Ingredient name	Content (%)	CAS No.
Perfluoropolyether	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.

IF IN EYES

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF SWALLOWED

Rinse mouth.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media

Use appropriate extinguishing media suitable for surrounding facilities.

Self-digesting and burning substances. In case of a surrounding fire, promptly place the container in a safe place.

Discontinue the combustion source at the fire source and digest it with a digestive agent.

Danger in case of fire (secondary disaster): PTFE decomposes and burns at high temperatures to generate gases such as harmful particulates, hydrogen fumes, and fluoride compounds.

Unsuitable extinguishing media data is not available.

Specific hazards arising from the substance or mixture

Will form toxic Hydrogen fluoride upon combustion.

Fire may produce irritating, corrosive and/or toxic gases.

Advice for firefighters

Special protective equipment and precautions for fire-fighters

Wear fire/flame resistant/retardant clothing.

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

6. Accidental release measures

Personnel precautions, protective equipment and emergency procedures

Be careful not to slip on spilled area.

Wipe and place in a container.

Environmental precautions

Do not wash away into sewers or waterway.

Methods and materials for containment and cleaning up

Sweep up, place in a bag and hold for waste disposal.

7. Handling and storage

Precautions for safe handling

Preventive measures

(Exposure Control for handling personnel)

In the usual case, it is sufficient if the whole ventilation is good.

Safety Measures

Wear protective gloves.

Do use it at well ventilated place.

Any incompatibilities data is not available.

Storage

Conditions for safe storage

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

Container and packaging materials for safe handling data is not available.

8. Exposure controls/personal protection

Control parameters

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 state: Paste

Color: Milky white

Odor: No information

Melting point/Freezing point: -75~-54°C

Boiling point or initial boiling point data is not available.

Boiling range data is not available.

Flammability (gases, liquids and solids) data is not available.

Lower and upper explosion limit/flammability limit data is not available.

Flash point data is not available.

Auto-ignition temperature data is not available.

Decomposition temperature data is not available.

pH data is not available.

Kinematic viscosity data is not available.

Solubility:

Solubility in water: Insoluble

n-Octanol/water partition coefficient data is not available.

Vapor pressure data is not available.

Density and/or relative density data is not available.

Relative vapor density (Air=1) data is not available.

No Particle characteristics data is not available.

10. Stability and Reactivity

Reactivity

Reactivity data is not available.

Chemical stability

Stable under normal storage/handling conditions.

Possibility of hazardous reactions

Possibility of hazardous reactions data is not available.

Conditions to avoid

Conditions to avoid data is not available.

Incompatible materials

Incompatible materials data is not available.

Hazardous decomposition products

Hazardous decomposition products data is not available.

11. Toxicological Information

Information on toxicological effects

Acute toxicity data is not available.

Irritant properties

Skin corrosion/irritation data is not available.

Serious eye damage/irritation data is not available.

Allergenic and sensitizing effects data is not available.

Mutagenic effects data is not available.

Carcinogenicity

(Polytetrafluoroethylene)

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

Reproductive toxicity data is not available.

STOT

STOT-single exposure data is not available.

STOT-repeated exposure data is not available.

Aspiration hazard data is not available.

12. Ecological Information

Ecotoxicity

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.

Persistence and degradability

Persistence and degradability data is not available.

Bioaccumulative potential

Bioaccumulative potential data is not available.

Mobility in soil

Mobility in soil data is not available.

Other adverse effects

Ozone depleting chemical data is not available.

13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging

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

Not applicable to UN No., UN CLASS

Environmental hazards

MARPOL Annex III – Prevention of pollution by harmful substances

Marine pollutants (yes/no) : no

15. Regulatory Information

Other regulatory information

Ensure this material in compliance with federal requirements and ensure conformity to local regulations.

16. Other information

Reference Book

Recommendations on the TRANSPORT OF DANGEROUS GOODS 20th edit., 2017 UN
2016 EMERGENCY RESPONSE GUIDEBOOK (US DOT)

2020 TLVs and BEIs. (ACGIH)

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

JIS Z 7253 : 2019

Supplier's data/information

General Disclaimer

This data sheet was created based on the information we currently have and may be revised

according to new information. In addition, the precautions apply only to normal handling, and in the case of special handling, please make adequate countermeasure to maintain your safety.