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): 0K001001_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

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Content(%)</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perfluoropolytrimethyleneoxide</td>
<td>60-70</td>
<td>113114-19-5</td>
</tr>
<tr>
<td>Polytetrafluoroethylene</td>
<td>30-40</td>
<td>9002-84-0</td>
</tr>
</tbody>
</table>

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 ed., 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 determinate the safety and suitability of each such product or combination for their own purposes.