1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier
Product Name Grease for Pipettes
0013 063.010 (packaging: bag à 1 g)
Order number only for Eppendorf North America: 022458507
0013 019.231 (packaging: bottle à 45 g)
Order number only for Eppendorf North America: 022348507

Other means of identification
No information available.

Recommended use of the chemical and restrictions on use
Recommended Use Grease for piston-stroke pipettes
Uses advised against No information available.

Details of the supplier of the safety data sheet
Supplier Eppendorf AG
Address Barkhausenweg 1
D-22339 Hamburg
Postal Code D-22339
Phone +49 40 53801-0
Information provided by Eppendorf Application-Hotline
telephone/fax: +49 1803 66 67 89 / +49 4053 99 01 25
E-mail support@eppendorf.com

Importer Eppendorf North America, Inc.
Address 102 Motor Parkway
Postal Code Hauppauge, NY 11788-5178, USA
Phone +1 800 645 3050
FAX +1 516 334 7506
E-mail info@eppendorf.com

Emergency telephone number
For medical advice (in German and English):
+49 (0)551 192 40 (Giftnformationszentrum Nord)

2. HAZARDS IDENTIFICATION

GHS Classification
Not classified

Label elements
Symbols/Pictograms None
Signal word None
Hazard Statements Not applicable
Precautionary Statements
Prevention Not applicable
Response Not applicable
Storage Not applicable
Disposal Not applicable
Hazards not otherwise classified (HNOC)
No information available.

Unknown acute toxicity
No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature Substance
Substance name Perfluorinated polyether oil (PTFE)

4. FIRST AID MEASURES

Description of first aid measures
General advice In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact Wash off immediately with soap and plenty of water.
Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Ingestion Rinse immediately with plenty of water and seek medical advice. Never give anything by mouth to an unconscious person. If individual is drowsy or unconscious, place in recovery position (on left side, with head down).

Most important symptoms and effects, both acute and delayed
Frequent persistent contact with the skin can cause skin irritation.

Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing media
Suitable extinguishing media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical
Thermal decomposition can lead to release of irritating and toxic gases and vapors: Fluorinated hydrocarbons

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool containers with flooding quantities of water until well after fire is out. Evacuate personnel to safe areas.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation, especially in confined areas. Avoid contact with eyes and skin. Use personal protection recommended in Section 8.

Methods and material for containment and cleaning up
Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE
Precautions for safe handling
Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation, especially in confined areas. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing. Remove contaminated clothing and shoes. Wash thoroughly after handling. Use personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities
Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat. Protect from sunlight. Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
No information available

Appropriate engineering controls
Use with local exhaust ventilation.

Individual protection measures, such as personal protective equipment
<table>
<thead>
<tr>
<th>Protection</th>
<th>Recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory protection</td>
<td>No special technical protective measures are necessary.</td>
</tr>
<tr>
<td>Hand Protection</td>
<td>Wear protective gloves.</td>
</tr>
<tr>
<td>Eye/face protection</td>
<td>Wear safety glasses with side shields (or goggles).</td>
</tr>
<tr>
<td>Skin and body protection</td>
<td>Normal chemical work clothing.</td>
</tr>
</tbody>
</table>

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Pasty</td>
</tr>
<tr>
<td>Color</td>
<td>White</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH</td>
<td>Not determined</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>&lt; 0.001 hPa(20 °C)</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Density</td>
<td>1.94 g/cm³(20 °C)</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Partition coefficient (LogPow)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>Not determined</td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>Not determined</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not determined</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

Other information
No information available

10. STABILITY AND REACTIVITY

Reactivity
No known effects under normal use conditions.
**Chemical stability**
Stable under normal conditions.

**Possibility of Hazardous Reactions**
None under normal processing.

**Conditions to avoid**
No information available.

**Incompatible materials**
No information available.

**Hazardous Decomposition Products**
At temperatures >280°C risk of formation of toxic fluorine-containing pyrolysis products.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**
- **Inhalation**: No known effect based on information supplied.
- **Eye contact**: No known effect based on information supplied.
- **Skin Contact**: No known effect based on information supplied.
- **Ingestion**: No known effect based on information supplied.

**Information on toxicological effects**
- **Acute toxicity**: No information available.
- **Skin corrosion/irritation**: No information available.
- **Serious eye damage/eye irritation**: No information available.
- **Sensitization**: No information available.
- **Germ cell mutagenicity**: No information available.
- **Carcinogenicity**: No information available.
- **Reproductive toxicity**: No information available.
- **STOT - single exposure**: No information available.
- **STOT - repeated exposure**: No information available.
- **Aspiration hazard**: No information available.

## 12. ECOLOGICAL INFORMATION
Ecotoxicity
No information available.

Persistence and degradability
May be separated out mechanically in purification plants.

Bioaccumulative potential
No information available.

Mobility in soil
No information available.

Other adverse effects
No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods
Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT
UN/ID No. Not regulated
UN Proper shipping name Not regulated
Hazard Class Not regulated
Packing Group Not regulated
Special precautions No information available
Marine pollutant Not applicable

15. REGULATORY INFORMATION

International Inventories
Not applicable

US Federal Regulations
SARA 313
Not applicable

SARA 311/312 Hazard Categories
Not applicable

CWA (Clean Water Act)
Not applicable

CERCLA
Not applicable

US State Regulations
California Proposition 65
This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations
This product does not contain any substances regulated under applicable state right-to-know regulations
16. OTHER INFORMATION

Revision Note

<table>
<thead>
<tr>
<th>Issue Date</th>
<th>11-Aug-2016</th>
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<tr>
<td>Revision date</td>
<td>11-Aug-2016</td>
</tr>
<tr>
<td>Revision Note</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

Key or legend to abbreviations and acronyms used in the safety data sheet

- **TWA** - TWA (time-weighted average)
- **STEL** - STEL (Short Term Exposure Limit)
- **Ceiling** - Maximum limit value
- **TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- **DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- **EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- **ENCS** - Japan Existing and New Chemical Substances
- **IECSC** - China Inventory of Existing Chemical Substances
- **KECL** - Korean Existing and Evaluated Chemical Substances
- **PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- **AICS** - Australian Inventory of Chemical Substances

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

-------- End of Safety Data Sheet --------