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

Product identifier
Product Name Pivot Grease

Other means of identification
Order number 5810 350.050

Recommended use of the chemical and restrictions on use
Recommended Use Pivot grease
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
E-mail sdb_info@umco.de

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 (Giftinformationszentrum 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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petrolatum</td>
<td>8009-03-8</td>
<td>&lt;100.00</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

**Description of first aid measures**

**General advice**
In case of accident or unwellness, seek medical advice immediately. Remove contaminated clothing and shoes.

**Inhalation**
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

**Skin Contact**
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

**Eye contact**
Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists: Get medical advice/attention.

**Ingestion**
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. If swallowed, call a poison control center or physician immediately.

**Most important symptoms and effects, both acute and delayed**
No information available.

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

5. FIRE-FIGHTING MEASURES

**Extinguishing media**

**Suitable extinguishing media**
Extinguishing powder. Alcohol resistant foam. Carbon dioxide (CO2).

**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: Carbon monoxide, 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.

6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**
Evacuate personnel to safe areas. Remove all sources of ignition. Avoid contact with skin, eyes or clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Ensure adequate ventilation, especially in confined areas. 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 breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin, eyes or clothing. When using do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. Remove contaminated
clothing and shoes. Wash thoroughly after handling.

**Conditions for safe storage, including any incompatibilities**
Keep containers tightly closed in a dry, cool and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Protect from direct sunlight. Keep/store only in original container. Incompatible with oxidizing agents.

### 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**
- **Respiratory protection**: No special technical protective measures are necessary.
- **Hand Protection**: Wear protective gloves. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves.
- **Eye/face protection**: Wear safety glasses with side shields (or goggles).
- **Skin and body protection**: Wear suitable protective clothing.

### 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>Paste</td>
</tr>
<tr>
<td>Color</td>
<td>Cream color</td>
</tr>
<tr>
<td>Odor</td>
<td>Hardly perceptibly</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>&gt;150 °C</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;0.01hPa</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Density</td>
<td>0.9 g/ml</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**
No information available.

**Conditions to avoid**
Heat. Protect from sun.

**Incompatible materials**
Oxidizing agent.

**Hazardous Decomposition Products**
Carbon monoxide, carbon dioxide (CO2).

### 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

<table>
<thead>
<tr>
<th>Route</th>
<th>Effect based on supplied information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>No known effect</td>
</tr>
<tr>
<td>Eye contact</td>
<td>No known effect</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>No known effect</td>
</tr>
<tr>
<td>Ingestion</td>
<td>No known effect</td>
</tr>
</tbody>
</table>

**Information on toxicological effects**

#### Acute toxicity

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petrolatum (CAS #: 8009-03-8)</td>
<td>-</td>
<td>= 3600 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
</tbody>
</table>

**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 data available.

**Persistence and degradability**
No information available.

**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**

<table>
<thead>
<tr>
<th>Component</th>
<th>AICS</th>
<th>DSL/NDSL</th>
<th>EINECS/ELINCS</th>
<th>ENCS</th>
<th>IECSC</th>
<th>KECL</th>
<th>PICCS</th>
<th>TSCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petrolatum 8009-03-8</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

"." Not Listed
"X" Listed

**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
Issue Date 02-May-2016
Revision date 02-May-2016
Revision Note Not applicable

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 -------