SAFETY DATA SHEET

YELLOW TECHNICAL PETROLATUM I

Date of issue: 01.03.2012

Sonneborn Refined Products B.V. urges the recipient of this Safety Data Sheet to study it carefully to become aware of hazards, if any, of the product involved. In the interest of safety you should (1) notify your employees, agents and contractors of the information on this sheet, (2) furnish a copy to each of your customers for the product, and (3) request your customers to inform their employees and customers as well.

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

Identification of the substance or preparation
Technical Petroleum Jelly

Use of substance/preparation
Technical Petroleum jelly is typically used as a blending base for miscellaneous industrial applications

Company identification
Sonneborn Refined Products B.V.
Mainhavenweg 6
1043 AL Amsterdam
The Netherlands
Tel: +31-20-6117475
Fax: +31-20-6111170
E-mail: QEHS@sonneborn.com

Emergency telephone number
Tel.: +31.20.611.74.75

2. HAZARDS IDENTIFICATION

EC/GHS Classification: Not classified as dangerous under EC/GHS-criteria
Human Health Hazards: None
Physico-chemical and environmental hazards and effects: None

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>% BY WEIGHT</th>
<th>HAZARD</th>
<th>DANGER SYMBOL(S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical Petroleum Jelly</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No hazardous components</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS No.</td>
<td>8009-03-8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EINECS No.</td>
<td>232-373-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REACH Registration no.</td>
<td>01-2119490412-42-0007</td>
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</tr>
</tbody>
</table>
4. FIRST AID MEASURES

**Swallowing**
WHEN MOLTEN ONLY (molten product can cause thermal burns) - Obtain medical attention immediately.

**Inhalation**
No emergency care anticipated.

**Skin contact**
WHEN MOLTEN ONLY (molten product can cause thermal burns) - In serious cases, use emergency shower immediately. Immediately flush skin thoroughly with water for at least 15 minutes while removing contaminated clothing and shoes. Obtain medical attention.

**Eye contact**
WHEN MOLTEN ONLY (molten product can cause thermal burns) - Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention.

**Notes to physician**
None

5. FIRE-FIGHTING MEASURES

**Extinguishing media**

<table>
<thead>
<tr>
<th>Suitable</th>
<th>Extinguish with:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>- dry chemical</td>
</tr>
<tr>
<td></td>
<td>- carbon dioxide (in case of small fires)</td>
</tr>
<tr>
<td></td>
<td>- water fog</td>
</tr>
<tr>
<td></td>
<td>- foam</td>
</tr>
<tr>
<td></td>
<td>- sand or earth</td>
</tr>
</tbody>
</table>

| Unsuitable | Do not use water jet. |

**Special fire fighting procedures**
Do not direct a solid stream of water or foam into burning molten material; this may cause spattering and spread the fire.

**Special protective equipment for firefighters**
Self-contained breathing apparatus.

**Unusual fire and explosion hazards**
Following products may be produced during a fire: Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

**Personal precautions**
Wear suitable protective equipment.

**Environmental precautions**
Avoid runoff to sewers or waterways. Dike area of spill to prevent spreading and pump liquid to salvage tank. Allow remaining liquid to solidify, then shovel into containers. Waste: avoid washing into watercourses. Use methods consistent with local regulations or incinerate.

**Methods for cleaning up**
Take up mechanically. Collect in suitable containers. Dike to contain spill or absorb with inert material (e.g. sand, earth,...). Stop the leak if it can be done without risk. Clean up with solvent.
7. HANDLING AND STORAGE

HANDLING
Do not handle at temperatures > +90 °C

Ventilation
General (mechanical) room ventilation is expected to be satisfactory for use at room temperature.

STORAGE
Storage requirements
Keep away from heat, sparks and flame. Do not store at temperatures: > 25 °C
Store protected from light

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES
No exposure limits have been established

OCCUPATIONAL EXPOSURE CONTROLS
Respiratory protection
None expected to be needed.

Hand protection / protective gloves
Personal protectives: WHEN MOLTEN ONLY.
Wear gloves impervious to this material

Eye protection
Personal protectives: WHEN MOLTEN ONLY.
Safety glasses.
Faceshield

Skin protection
Personal protectives: WHEN MOLTEN ONLY.
Overalls

Environmental Exposure Controls
None expected to be needed

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Physical state : Semi-solid
Color : Yellow
Odor : No odour specified

Important health, safety and environmental information
Flash point : > 170 °C  Method: ASTM D93
Upper explosion limits : Not determined
YELLOW TECHNICAL PETROLATUM I

Lower explosion limits : Not determined
Vapor pressure : < 0,1 hPa at 20 °C
Density : 0,79 - 0,85 g/cm3 at 100 °C
Bulk density : Not available
Solubility in water : Negligible
Kinematic viscosity : 5 - 30 mm2/s at 100 °C
Vapor density (air=1) : None specified
Evaporation rate (Butyl Acetate=1) : Not applicable

Other information
Melting point : 38 - 80 °C
    Method: ASTM D 127
Autoignition temperature : Not determined
Percent volatiles : Not applicable

10. STABILITY AND REACTIVITY

STABILITY
Stable.
Conditions to avoid
Extremes of temperature and direct sunlight
Materials to avoid
Strong oxidizing agents.
Hazardous decomposition products
No hazardous decomposition products to be formed during normal storage
Combustion may produce carbon monoxide and/or carbon dioxide.

11. TOXICOLOGICAL INFORMATION

GENERAL
No information available.
Carcinogenicity:
Not classified as a carcinogen. Nota N applies since the full refining history is known and it can be shown that the substances from which the petroleum jelly was produced are not a carcinogen.
12. ECOLOGICAL INFORMATION
Most hydrocarbon components of these substances will have little or no tendency to partition to air. The half lives for degradation of these hydrocarbons by reaction with hydroxyl radicals, in the troposphere, under the influence of sunlight, will all be less than one day, by extrapolation from the data quoted by Atkinson. Accordingly, any hydrocarbon material which does partition to air will be rapidly photodegraded. (Ref.: Atkinson, R., Gas-phase tropospheric chemistry of organic compounds: a review, Atmos. Environ., vol 24 A, pp. 1-41, 1990)

13. DISPOSAL CONSIDERATIONS
Dispose of in accordance with local regulations or incinerate.

14. TRANSPORT INFORMATION

ADR/RID
(when transported <100°C) This product is not regulated by ADR.

<table>
<thead>
<tr>
<th>Proper shipping name</th>
<th>(when transported &gt;100 °C) UN3257 ELEVATED TEMPERATURE LIQUIDS, N.O.S. (9), III</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class</td>
<td>9 (M9)</td>
</tr>
<tr>
<td>UN No.</td>
<td>3257</td>
</tr>
<tr>
<td>Packing group</td>
<td>III</td>
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<tr>
<td>Hazard No.</td>
<td>99</td>
</tr>
<tr>
<td>Label</td>
<td>9</td>
</tr>
<tr>
<td>Technical description</td>
<td>Petroleum Jelly</td>
</tr>
</tbody>
</table>

IMDG
This product is not regulated by IMDG.

ICAO
This product is not regulated by ICAO.

15. REGULATORY INFORMATION

EC/GHS classification
According to EC/GHS-regulations this product is not classified or labelled.

Chemical Inventory
Europe : This product is on the EINECS inventory.

16. OTHER INFORMATION

Recommended uses and restrictions
Please consult the product and/or application information bulletins for this product.

A vertical line in the left margin of the report indicates a change compared to the previous version.
This Safety Data Sheet conforms to EC Directive 1907/2006 and amendments.

The opinions expressed herein are those of qualified experts within Sonneborn Refined Products B.V.. We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and of these opinions and the conditions of use of this product are not within the control of Sonneborn Refined Products B.V., it is the user's obligation to determine the conditions of safe use of the products.