Safety Data Sheet
Polysorbate-80

SECTION 1: Identification

1.1 Product identifier

Product name: Polysorbate-80
Product number: Polysorbate-80-1
Brand: Bulk Apothecary

1.4 Supplier's details

Name: Bulk Apothecary
Address: 115 Lena Dr
Aurora OH 44202
United States

Telephone: 1-888-728-7612
email: sales@bulkapothecary.com

1.5 Emergency phone number(s)

Domestic: 1-800-633-8253  International: 801-629-0667

SECTION 2: Hazard identification

General hazard statement
Non Hazardous

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

2.2 GHS label elements, including precautionary statements

Precautionary statement(s)

P233  Keep container tightly closed.
P202  Do not handle until all safety precautions have been read and understood.
P314  Get medical advice/attention if you feel unwell.
P363  Wash contaminated clothing before reuse.

SECTION 3: Composition/information on ingredients
Hazardous components

1. Polysorbate 80
   Concentration  100 % (weight)
   EC no.  500-019-9
   CAS no.  9005-65-6

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures
   If inhaled  Remove victim to fresh air
   In case of skin contact  Wash material off the skin with copious amounts of soap and water.
   In case of eye contact  Immediately flush eyes with copious amounts of water for at least 15 min.
   If swallowed  Seek medical attention.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media
   Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray, foam, carbon dioxide, dry chemicals.

5.3 Special protective actions for fire-fighters
   Wear a Self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
   Use gloves and goggles.

6.2 Environmental precautions
   Refer to protective measures listed in Section 7 and 8.

6.3 Methods and materials for containment and cleaning up
   Contain spilled material. Recover with moist absorbent and transfer to secure container.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
   Avoid container damage.

7.2 Conditions for safe storage, including any incompatibilities
   Store in sealed containers, preferably away from heat or light.

SECTION 8: Exposure controls/personal protection
8.2 **Appropriate engineering controls**
Use good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

8.3 **Individual protection measures, such as personal protective equipment (PPE)**

**Eye/face protection**
Goggles.

**Skin protection**
Gloves.

### SECTION 9: Physical and chemical properties

<table>
<thead>
<tr>
<th>Information on basic physical and chemical properties</th>
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</thead>
<tbody>
<tr>
<td>Appearance/form (physical state, color, etc.)</td>
</tr>
<tr>
<td>Odor</td>
</tr>
<tr>
<td>Odor threshold</td>
</tr>
<tr>
<td>pH</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
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<tr>
<td>Initial boiling point and boiling range</td>
</tr>
<tr>
<td>Flash point</td>
</tr>
<tr>
<td>Evaporation rate</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
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<tr>
<td>Upper/lower flammability limits</td>
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<tr>
<td>Vapor pressure</td>
</tr>
<tr>
<td>Vapor density</td>
</tr>
<tr>
<td>Relative density</td>
</tr>
<tr>
<td>Solubility(ies)</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
</tr>
<tr>
<td>Decomposition temperature</td>
</tr>
<tr>
<td>Viscosity</td>
</tr>
<tr>
<td>Explosive properties</td>
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<tr>
<td>Oxidizing properties</td>
</tr>
</tbody>
</table>

### SECTION 10: Stability and reactivity

10.1 **Reactivity**
Stable under normal conditions.

10.2 **Chemical stability**
Stable under normal conditions.

10.4 **Conditions to avoid**
Extreme heat.

10.5 **Incompatible materials**
Bases, Heavy metal salts, Strong oxidizing agents

10.6 **Hazardous decomposition products**
Not a health hazard.
SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity
N/A

Serious eye damage/irritation
No irritation is likely to occur.

Respiratory or skin sensitization
No irritation is likely to occur.

SECTION 12: Ecological information

Toxicity
N/A

Persistence and degradability
N/A

Bioaccumulative potential
N/A

SECTION 13: Disposal considerations

Disposal of the product
If possible recover the product and dispose of in authorized landfill or incinerate in accordance with local regulations.

SECTION 14: Transport information

DOT (US)
Not regulated

IMDG
Not regulated

IATA
Not regulated

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

New Jersey Right To Know Components
Sorbitan monooleate, ethoxylated
CAS-No. 9005-65-6

Pennsylvania Right To Know Components
Sorbitan monooleate, ethoxylated
CAS-No. 9005-65-6
15.2 Chemical Safety Assessment
Not regulated

SECTION 16: Other information

16.1 Further information/disclaimer
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