SECTION 1 - IDENTIFICATION

Manufacturer: Black Swan Mfg. Co.
4540 W. Thomas St.
Chicago, IL 60651-3318
Tel.: 800-252-5796
Fax: 773-227-3705
Web Site: www.blackswanmfg.com
E-mail: info@blackswanmfg.com

For any Transportation or Medical Chemical Emergencies call:

INFOTRAC
(800) 535-5053 OR (352) 323-3500
24 hours per day - 7 days a week

Recommended Use: Lubricates stems of faucets, valves, ball cocks, etc.

Product Name: Plumbers Grease

SECTION 2 – HAZARD(S) IDENTIFICATION

<table>
<thead>
<tr>
<th>Labels</th>
<th>NFPA</th>
<th>GHS Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

HEALTH HAZARD
1 - Deadly
3 - Extreme Danger
2 - Hazardous
1 - Slight Hazard
0 - Normal Material

FIRE HAZARD
Flash Point
4 - Below 73°F
3 - Below 100°F
2 - Above 100°F
1 - Above 200°F
0 - Will not burn

SPECIFIC HAZARD
Corrosive: OK
Acid: ALK
Alkali: ACID
Corrosive
Use NO WATER
Radioactive

REACTIVITY
4 - May detonate
3 - Shock and heat may detonate
2 - Violent chemical change
1 - Unstable if heated
0 - Stable

Signal Word
None

HMIS

Health
Acute Toxicity: Not Established
Skin Irritation: Not Established
Eye Irritation: Cat 2A
Skin Sensitization: NO

Physical
None

Environmental
Acute Aquatic Toxicity: Not Established
Chronic Aquatic Toxicity: Not Established

Hazardous Statements
H320: Causes eye irritation

Precautionary Statements
P102: Keep out of reach of children
P262: Do not get in eyes
P264: Wash thoroughly after handling
P270: Do not eat, drink or smoke when using this product

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemicals</th>
<th>CAS#</th>
<th>EINECS#</th>
<th>REACH Pre-registration Number</th>
<th>Approx %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), solvent-dewaxed heavy paraffinic</td>
<td>64742-65-0</td>
<td>N/A</td>
<td>N/A</td>
<td>40-60%</td>
</tr>
<tr>
<td>Distillates (petroleum), solvent-refined heavy naphthenic</td>
<td>64741-96-4</td>
<td>N/A</td>
<td>N/A</td>
<td>30-50%</td>
</tr>
</tbody>
</table>

*Unlisted ingredients are not classified as hazardous according to OSHA 1910.1200.

SECTION 4 – FIRST-AID MEASURES

Inhalation: Remove into fresh air. If not breathing, give artificial respiration. Call a physician.

Skin: Rinse skin with water for at least 15 minutes. Take off contaminated clothing/shoes and wash before reuse. Get immediate medical attention.

Eyes: Flush eyes with large amounts of water for at least 15 minutes, holding eyelids open. Remove contact lenses if present and easy to do so. Get immediate medical attention.

Ingestion: If swallowed rinse mouth. DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION 5 – FIRE-FIGHTING MEASURES

Fire Hazard: Directly spraying extinguishing media onto hot burning products may cause frothing and spreading of fire.

Combustion Products: None.

Extinguishing Media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable Extinguishing Media: None known.

Protective Equipment: Self-contained breathing apparatus {SCBA, MSHA/NIOSH} and protective clothing.

Special Fire Fighting Procedures: Evacuate enclosed areas, stay upwind. Closed or confined quarters require self-contained breathing apparatus, positive pressure hose masks or airline masks. Use water spray to cool containers, to flush spills from sources of ignition and to disperse vapors.
SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Minimize skin contact. Provide adequate ventilation.
Protective Equipment: None.
Emergency Procedures: None.
Environmental Precautions: Avoid runoff into storm sewers, ditches and waterways.
Methods for Cleaning Up: Vacuum dust with equipment fitted with HEPA filter and place in a closed waste container. Add sand, earth, or other absorbent to spill. Prevent entry into sewers, water courses, basements and confined areas.

SECTION 7 – HANDLING AND STORAGE

Handling
Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in the work area. Keep containers closed when not in use.

Storage
Store in a dry, well ventilated place. Keep cool. Keep container tightly closed. Incompatible Materials: Strong oxidants such as Chlorine Gas.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

<table>
<thead>
<tr>
<th>Hazardous Chemicals</th>
<th>ACGIH-TLV</th>
<th>ACGIH-STEL</th>
<th>OSHA-PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), solvent-dewaxed heavy paraffinic</td>
<td>TWA: 5mg/m³</td>
<td>10mg/m³</td>
<td>TWA: 5mg/m³</td>
</tr>
<tr>
<td>Distillates (petroleum), solvent-refined heavy naphthenic</td>
<td>TWA: 5mg/m³</td>
<td>10mg/m³</td>
<td>TWA: 5mg/m³</td>
</tr>
</tbody>
</table>

Engineering Controls: Sufficient ventilation in order to control worker exposure to airborne contaminates.

Ventilation: Local ventilation is adequate.


SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Amber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor</td>
<td>Petroleum</td>
</tr>
<tr>
<td>pH</td>
<td>Not Established</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not Established</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>Not Established</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>500°F</td>
</tr>
<tr>
<td>Flash Point</td>
<td>380°F</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.90</td>
</tr>
<tr>
<td>Solubility (H2O):</td>
<td>Very slight at room temperature</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>&lt;0.01</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>5</td>
</tr>
<tr>
<td>VOC</td>
<td>0 g/l</td>
</tr>
<tr>
<td>Flammability:</td>
<td>Not Established</td>
</tr>
<tr>
<td>Flammability Limits:</td>
<td>LEL – 1%</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>0.01</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>N/A</td>
</tr>
</tbody>
</table>

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.
Hazardous polymerization: Will not occur.
Conditions to avoid: None.
Incompatible materials: Strong oxidants such as Chlorine Gas.
Hazardous decomposition products: Fumes, Smoke, COx, SOx, NOx, when combusted.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity

<table>
<thead>
<tr>
<th>Hazardous Chemicals</th>
<th>LD₅₀</th>
<th>LC₅₀</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), solvent-dewaxed heavy paraffinic</td>
<td>Dermal: &gt;5000 mg/kg (rabbit)</td>
<td>N/A</td>
</tr>
<tr>
<td>Oral: &gt;5000 mg/m³ (rat)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distillates (petroleum), solvent-refined heavy naphthenic</td>
<td>Dermal: &gt;5000 mg/kg (rabbit)</td>
<td>N/A</td>
</tr>
<tr>
<td>Oral: &gt;5000 mg/kg (rabbit)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Likely Routes of Exposure: Inhalation, Skin Contact and Eye contact.
Symptoms and Effect – Inhalation: Respiratory tract irritation. Skin Contact: Reddening and irritation. Eye Contact: May cause mild irritation.
Ingestion: None.
Long-Term Effect: Product has a low order of acute, oral, and dermal toxicity. Product containing the eyes may cause irritation. Repeated skin contact may cause skin irritation or dermatitis because these types of products tend to remove natural emollients from the skin.
Pre-Existing Conditions: Pre-existing dermatitis or skin disease.
SECTION 12 – ECOLOGICAL INFORMATION
Ecotoxicity: None known.
Persistence & Degradability: None known.
Bioaccumulative Potential: None known.
Mobility in soil: In normal use, emission of Volatile Organic Compounds (VOC’s) to the air takes place, typically at a rate of 0 g/l.

SECTION 13 – DISPOSAL CONSIDERATION
Dispose of product or container in accordance with federal, state or local regulations.

SECTION 14 – TRANSPORTATION INFORMATION

SECTION 15 – REGULATORY INFORMATION
Precautionary Label Information: None.
Risk Phrases: None.
Safety Phrases: S2-Keep out of reach of children.

SECTION 16 – OTHER INFORMATION
Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. Black Swan Mfg. Co. urges the customers receiving this Material Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents and contractors of the information on the sheets.

DATE: 01/01/2017