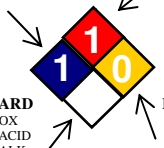




**SECTION 1 - IDENTIFICATION**

<p>Manufacturer:          Black Swan Mfg. Co.          4540 W. Thomas St.          Chicago, IL 60651-3318          Tel.: 800-252-5796          Fax: 773-227-3705          Web Site : <a href="http://www.blackswanmfg.com">www.blackswanmfg.com</a>          E-mail : <a href="mailto:info@blackswanmfg.com">info@blackswanmfg.com</a></p>	<p>For any Transportation or Medical Chemical Emergencies call:</p> <p style="text-align: center;"><b>INFOTRAC</b></p> <p style="text-align: center;">(800) 535-5053 <b>OR</b> (352) 323-3500</p> <p style="text-align: center;">24 hours per day - 7 days a week</p>
<p><b>Product Name: Pipe-Lube</b></p>	<p><b>Recommended Use:</b> For lubrication of slip-on or “O” ring type joints with rubber or synthetic rubber type gaskets.</p>

**SECTION 2 – HAZARD(S) IDENTIFICATION**

<p><b>Labels</b> None</p>	<p style="text-align: center;"><b>NFPA</b></p> <table style="width: 100%;"> <tr> <td style="width: 50%;"> <p><b>HEALTH HAZARD</b>            4 – Deadly            3 – Extreme Danger            2 – Hazardous            1 – Slight Hazardous            0 – Normal Material</p> </td> <td style="width: 50%;"> <p><b>FIRE HAZARD</b>            Flash Points            4 – Below 73°F            3 – Below 100°F            2 – Above 100°F, Not exceeding 200°F            1 – Above 200°F            0 – Will not burn</p> </td> </tr> <tr> <td> <p><b>SPECIFIC HAZARD</b>            Oxidizer OX            Acid ACID            Alkali ALK            Corrosive COR            Use NO WATER            Radioactive</p> </td> <td> <p><b>REACTIVITY</b>            4 – May detonate            3 – Shock and heat may detonate            2 – Violent chemical change            1 – Unstable if heated            0 – Stable</p> </td> </tr> </table> 	<p><b>HEALTH HAZARD</b>            4 – Deadly            3 – Extreme Danger            2 – Hazardous            1 – Slight Hazardous            0 – Normal Material</p>	<p><b>FIRE HAZARD</b>            Flash Points            4 – Below 73°F            3 – Below 100°F            2 – Above 100°F, Not exceeding 200°F            1 – Above 200°F            0 – Will not burn</p>	<p><b>SPECIFIC HAZARD</b>            Oxidizer OX            Acid ACID            Alkali ALK            Corrosive COR            Use NO WATER            Radioactive</p>	<p><b>REACTIVITY</b>            4 – May detonate            3 – Shock and heat may detonate            2 – Violent chemical change            1 – Unstable if heated            0 – Stable</p>	<p style="text-align: center;"><b>GHS Classification</b></p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p style="text-align: center;"><b>Health</b></p> <p>Acute Toxicity: Not Established            Skin Irritation: Not Established            Eye Irritation: Not Established            Skin Sensitization: NO</p> </td> <td style="width: 50%; vertical-align: top;"> <p style="text-align: center;"><b>Environmental</b></p> <p>Acute Aquatic Toxicity: Not Established            Chronic Aquatic Toxicity: Not Established</p> </td> </tr> <tr> <td colspan="2" style="text-align: center;"> <p><b>Physical</b> None</p> </td> </tr> </table>	<p style="text-align: center;"><b>Health</b></p> <p>Acute Toxicity: Not Established            Skin Irritation: Not Established            Eye Irritation: Not Established            Skin Sensitization: NO</p>	<p style="text-align: center;"><b>Environmental</b></p> <p>Acute Aquatic Toxicity: Not Established            Chronic Aquatic Toxicity: Not Established</p>	<p><b>Physical</b> None</p>	
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<p><b>Physical</b> None</p>										
<p><b>Signal Word</b> None</p>	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;"> <p><b>Hazardous Statements</b></p> <p>None</p> </td> <td style="width: 50%; text-align: center;"> <p><b>Precautionary Statements</b></p> <p>P102: Keep out of reach of children            P233: Keep container tightly closed            P262: Do not get in eyes, on skin or on clothing            P264: Wash thoroughly after handling            P280: Wear protective gloves/protective clothing/eye protection/face protection</p> </td> </tr> </table>	<p><b>Hazardous Statements</b></p> <p>None</p>	<p><b>Precautionary Statements</b></p> <p>P102: Keep out of reach of children            P233: Keep container tightly closed            P262: Do not get in eyes, on skin or on clothing            P264: Wash thoroughly after handling            P280: Wear protective gloves/protective clothing/eye protection/face protection</p>							
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HEALTH	1									
FLAMMABILITY	0									
REACTIVITY	0									

**SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

Chemicals	CAS#	EINECS#	REACH Pre-registration Number	Approx %
POTASSIUM HYDROXIDE	1310-58-3	215-181-3	N/A	5-15%
FATTY ACIDS - C16-18 AND C18-UNSATD	67701-08-0	N/A	N/A	30-60%
DISTILLATES HYDROTREATED LIGHT NAPHTHENIC	64742-53-6	265-156-6	N/A	15-25%
1,2-PROPANEDIOL	57-55-6	N/A	N/A	3-7%

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

**SECTION 4 – FIRST-AID MEASURES**

<p><b>Inhalation:</b> Not expected to be a normal route of exposure.</p> <p><b>Skin:</b> Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. If skin irritation occurs get medical advice/attention.</p> <p><b>Eyes:</b> Do not rub eyes. Flush eyes with large amounts of water for at least 15 minutes, holding eyelids open. Consult a physician if irritation persists.</p> <p><b>Ingestion:</b> If swallowed, immediately call a poison center or physician. Rinse mouth. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person.</p>
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# GHS SAFETY DATA SHEET

## SECTION 5 – FIRE-FIGHTING MEASURES

**Fire Hazard:** None.  
**Combustion Products:** None.  
**Extinguishing Media:** Carbon Dioxide, Dry Chemical, Water, Foam.  
**Unsuitable Extinguishing Media:** None known.  
**Protective Equipment:** Wear a self-contained breathing apparatus & 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.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear appropriate shoes to avoid slips.  
**Protective Equipment:** None.  
**Emergency Procedures:** None.  
**Environmental Precautions:** This is a biodegradable soap. Avoid runoff into storm sewers, ditches, and waterways.  
**Methods for Cleaning Up:** Scrape up or use absorbing material to pick up. Place in a clean, dry, leak proof container.

## SECTION 7 – HANDLING AND STORAGE

<u>Handling</u>	<u>Storage</u>
Keep out of reach of children. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in the work area.	Keep container tightly closed when not in use. Empty containers may contain residue; treat as if full and observe all product precautions. Do not reuse empty containers. <b>Incompatible Materials:</b> Strong oxidizing agents.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits

This product is not classified as hazardous according to OSHA 1910.1200.

**Engineering Controls:** A source of running water to flush or wash the eyes and skin in case of contact. Use local exhaust as needed.  
**Ventilation:** None needed.  
**Personal Protective Equipment – Respiratory:** None. **Skin:** Rubber gloves. **Eyes:** Glasses recommended.

## SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance:</b> Amber	<b>Flash Point:</b> >250°F (121°C)	<b>Vapor Pressure:</b> Negligible
<b>Odor:</b> Odorless	<b>Specific Gravity:</b> >1.0	<b>Flammability:</b> Not Established
<b>pH:</b> 11	<b>Solubility (H2O):</b> Insoluble	<b>Flammability Limits:</b> LEL – Not Established
<b>Melting Point:</b> <32°F	<b>Evaporation Rate:</b> Not Established	UEL – Not Established
<b>Freezing Point:</b> Not Established	<b>Vapor Density:</b> Not Established	
<b>Boiling Point:</b> >220°F	<b>VOC:</b> 50 g/l	

## SECTION 10 – STABILITY AND REACTIVITY

**Stability:** Stable.  
**Hazardous polymerization:** Will not occur.  
**Conditions to avoid:** Reactive alloys like aluminum, brass, bronze.  
**Incompatible materials:** Strong oxidizing agents.  
**Hazardous decomposition products:** Thermal oxidative decomposition can produce oxides of Carbon and Nitrogen.

## SECTION 11 – TOXICOLOGICAL INFORMATION

### Toxicity

This product is not classified as hazardous according to OSHA 1910.1200.

**Likely Routes of Exposure:** Skin Contact and Eye Contact.  
**Symptoms and Effect – Inhalation:** Not a likely route of entry. **Skin Contact:** Slight skin irritant if allowed to remain in contact. **Eye Contact:** Slight eye irritant. **Ingestion:** Not a likely route of entry.  
**Long-Term Effect:** None known.  
**Pre-Existing Conditions:** None known.

## GHS SAFETY DATA SHEET

### 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 50 g/l.

### SECTION 13 – DISPOSAL CONSIDERATION

Dispose of product or container in accordance with federal, state or local regulations.

### SECTION 14 – TRANSPORTATION INFORMATION

D.O.T. (U.S.): Not Regulated.

### 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: 01/01/2015**