



BLACK SWAN MFG. CO.

MATERIAL SAFETY DATA SHEET



SECTION 1 - IDENTIFICATION

Manufacturer: Black Swan Manufacturing Co. 4540 W. Thomas Street Chicago, IL 60651-3318 Telephone: 1-800-252-5796 Fax: 1-773-227-3705 Web Site: www.blackswanmfg.com E-mail: info@blackswanmfg.com	For any transportation or medical chemical emergencies call: INFOTRAC (800) 535-5053 <u>OR</u> (352) 323-3500 24 hours per day - 7 days a week
Product Name: Pipe - Lube	Recommended Use: For lubrication of slip-on or "O" ring type joints with rubber or synthetic rubber type gaskets.

SECTION 2 - HAZARD(S) IDENTIFICATION

<div><div><div><div><div></div><div></div><div></div><div></div></div><div><div><div>1</div><div>1</div><div>0</div><div></div></div></div></div><div><div><div>HEALTH HAZARD</div><div>4 Deadly</div><div>3 Extreme Danger</div><div>2 Hazardous</div><div>1 Slightly Hazardous</div><div>0 Normal Material</div></div><div><div>SPECIFIC HAZARD</div><div>Oxidizer OX</div><div>Use NO WATER -W-</div><div>Simple Asphyxiant SA</div></div><div><div>FIRE HAZARD Flash Points</div><div>4 Below 73°F (Boiling pt. below 100°F)</div><div>3 Below 73°F (Boiling pt. at/above 100°F) and/or at/above 73°F - not exceeding 100°F</div><div>2 Above 100°F, Not exceeding 200°F</div><div>1 Above 200°F</div><div>0 Will not burn</div></div><div><div>INSTABILITY</div><div>4 May detonate</div><div>3 Shock and heat may detonate</div><div>2 Violent chemical changes</div><div>1 Unstable if heated</div><div>0 Stable</div></div></div></div><div><div><div>HMIS</div><div><div><div>HEALTH1</div><div>FLAMMABILITY1</div><div>REACTIVITY0</div></div><div><div>PPE</div><div>B</div></div></div><div><div>0 Minimal Hazard</div><div>1 Slight Hazard</div><div>2 Moderate Hazard</div><div>3 Serious Hazard</div><div>4 Severe Hazard</div></div></div></div></div>		
<div><div><div>Health</div><div>Acute Toxicity: N/A</div><div>Skin Corrosion: N/A</div><div>Eye Irritation: N/A</div><div>Skin Sensitization: NO</div></div></div>	<div><div><div>Environmental</div><div>Acute Toxicity: N/A</div><div>Chronic Toxicity: N/A</div></div></div>	<div><div><div>Physical</div><div>Flammability: N/A</div><div>Other: N/A</div></div></div>
<div><div><div>Hazardous Statement</div><div>None.</div></div></div>	<div><div><div>Precautionary Statement</div><div>This lubricant has the characteristics of soap.</div><div>Keep out of reach of children.</div><div>Do not allow to be taken internally.</div></div></div>	

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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

SECTION 4 - FIRST-AID MEASURES

Inhalation: Not expected to be a normal route of exposure.
Skin: Wash with soap and water. Seek medical attention if irritation persists.
Eyes: Flush with large amounts of water. Get medical attention if irritation persists.
Ingestion: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

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SECTION 5 - FIRE-FIGHTING MEASURES

<u>Extinguishing Media</u>		<u>Specific Hazards</u>	<u>Protective Equipment</u>
<u>Suitable</u>	<u>Unsuitable</u>	None.	Self-contained breathing apparatus {(SCBA), MSHA/NIOSH}. Full protective gear.
Carbon Dioxide			
Dry Chemical	-----		
Water, Foam			
<u>Special Firefighting Procedures</u>			
Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.			

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 clean, dry, leak proof container.
Other Precautions:	None.

SECTION 7 - HANDLING AND STORAGE

<u>Handling</u>	<u>Storage</u>
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. KEEP OUT OF REACH OF CHILDREN.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION





<u>OSHA Exposure Limits</u>			
This product is not classified as hazardous according to OSHA 1910.1200.			
<u>Personal Protective Equipment</u>			
Respiratory Protection:	None required.		
Ventilation:	None.		
Other Protective Equipment:	<u>Protective Gloves</u>	<u>Eyes and Face Protection</u>	<u>Other Protective Equipment</u>
	Rubber Gloves.	Glasses Recommended.	None.
Other Precautions:	Coveralls recommended.		
<u>Engineering Controls</u>			
Eye wash and safety showers should be available. Never eat, drink or smoke in work areas.			

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SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Amber	Volatile by Volume:	N/A
Odor:	None	Vapor Pressure:	Negligible
Odor Threshold:	N/A	Vapor Density:	N/A
pH:	11	Relative Density:	N/A
Melting/Freezing Point:	<32°F /N/A	Solubility:	Insoluble
Boiling Point:	>220°F	Partition Coefficient: n-octanol/water:	N/A
Boiling Range:	N/A	Auto-ignition Temperature:	N/A
Flash Point:	>250°F (121°C)	Specific Gravity (H2O=1):	> 1.0
Evaporation Rate:	<1 (butyl acetate=1)	Viscosity:	N/A
Flammability:	N/A	VOC:	50 g/l
Flammability Limits:	LEL:N/A ; UEL:N/A		

SECTION 10 - STABILITY AND REACTIVITY

<u>Stability</u>		<u>Hazardous Polymerization</u>		<u>Conditions To Avoid</u>
Stable	Unstable	May Occur	Will Not Occur	Reactive alloys like aluminum, brass, bronze.
				
<u>Incompatible Materials</u>			<u>Hazardous Decomposition Products:</u>	
Strong oxidizing agents.			Thermal oxidative decomposition can produce oxides of Carbon and Nitrogen.	

SECTION 11 - TOXICOLOGICAL INFORMATION

<u>Likely Routes of Exposure</u>	<u>Symptoms/Effects</u>
Inhalation <input type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Ingestion <input type="checkbox"/>	Not a likely route of entry. Slight skin irritant if allowed to remain in contact. Slight eye irritant. Not a likely route of entry.
Long-Term Effects:	None known.
Pre-Existing Conditions:	None known.
<u>Toxicity</u>	
This product is not classified as hazardous according to OSHA 1910.1200.	

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:	None.
Persistence & Degradability:	None.
Bioaccumulative Potential:	None.
Mobility in Soil:	None.
Other Adverse Effects:	None.

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SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

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

SECTION 15 - REGULATORY INFORMATION

None.

SECTION 16 - OTHER INFORMATION

Disclaimer:

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 Manufacturing 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.

Revision Date:

JULY 2010