



# BLACK SWAN MFG. CO.

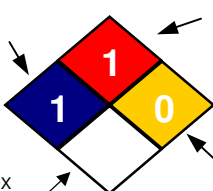
## MATERIAL SAFETY DATA SHEET



### SECTION 1 - IDENTIFICATION

<b>Manufacturer:</b> Black Swan Manufacturing Co. 4540 W. Thomas Street Chicago, IL 60651-3318 Telephone: 1-800-252-5796 Fax: 1-773-227-3705 Web Site: <a href="http://www.blackswanmfg.com">www.blackswanmfg.com</a> E-mail: <a href="mailto:info@blackswanmfg.com">info@blackswanmfg.com</a>	<b>For any transportation or medical chemical emergencies call:</b>  <p style="text-align: center;"><b>INFOTRAC</b></p> <p style="text-align: center;">(800) 535-5053 <u>OR</u> (352) 323-3500</p> <p style="text-align: center;">24 hours per day - 7 days a week</p>
<b>Product Name:</b>  <p style="text-align: center;"><b>Plumbers Grease</b></p>	<b>Recommended Use:</b> Lubricates stems of faucets, valves, ball cocks, etc.

### SECTION 2 - HAZARD(S) IDENTIFICATION

<p style="text-align: center;"><b><u>NFPA</u></b></p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>HEALTH HAZARD</b></p> <p>4 Deadly 3 Extreme Danger 2 Hazardous 1 Slightly Hazardous 0 Normal Material</p> <p><b>SPECIFIC HAZARD</b></p> <p>Oxidizer OX Use NO WATER -W Simple Asphyxiant SA</p> </div> <div style="width: 45%;"> <p><b>FIRE HAZARD</b> Flash Points</p> <p>4 Below 73°F (Boiling pt. below 100°F) 3 Below 73°F (Boiling pt. at/above 100°F) and/or at/above 73°F - not exceeding 100°F 2 Above 100°F, Not exceeding 200°F 1 Above 200°F 0 Will not burn</p> <p><b>INSTABILITY</b></p> <p>4 May detonate 3 Shock and heat may detonate 2 Violent chemical changes 1 Unstable if heated 0 Stable</p> </div> </div> 	<p style="text-align: center;"><b><u>HMIS</u></b></p> <table style="width: 100%;"> <tr> <td style="background-color: #000080; color: white; padding: 2px;"><b>HEALTH</b></td> <td style="border: 1px solid black; text-align: center; width: 40px;">1</td> <td rowspan="3" style="padding-left: 20px; vertical-align: top;">           0 Minimal Hazard 1 Slight Hazard 2 Moderate Hazard 3 Serious Hazard 4 Severe Hazard         </td> </tr> <tr> <td style="background-color: #FF0000; color: white; padding: 2px;"><b>FLAMMABILITY</b></td> <td style="border: 1px solid black; text-align: center;">1</td> </tr> <tr> <td style="background-color: #FFD700; padding: 2px;"><b>REACTIVITY</b></td> <td style="border: 1px solid black; text-align: center;">0</td> </tr> </table> <p style="text-align: center; margin-top: 10px;"> <span style="border: 1px solid black; padding: 2px;">PPE</span>    <span style="border: 1px solid black; padding: 2px;">A</span> </p>	<b>HEALTH</b>	1	0 Minimal Hazard 1 Slight Hazard 2 Moderate Hazard 3 Serious Hazard 4 Severe Hazard	<b>FLAMMABILITY</b>	1	<b>REACTIVITY</b>	0
<b>HEALTH</b>	1	0 Minimal Hazard 1 Slight Hazard 2 Moderate Hazard 3 Serious Hazard 4 Severe Hazard						
<b>FLAMMABILITY</b>	1							
<b>REACTIVITY</b>	0							
<p style="text-align: center;"><b><u>Health</u></b></p> <p>Acute Toxicity: N/A Skin Corrosion: N/A Eye Irritation: N/A Skin Sensitization: NO</p>	<p style="text-align: center;"><b><u>Environmental</u></b></p> <p>Acute Toxicity: N/A Chronic Toxicity: N/A</p>	<p style="text-align: center;"><b><u>Physical</u></b></p> <p>Flammability: N/A Other: N/A</p>						
<p style="text-align: center;"><b><u>Hazardous Statement</u></b></p> <p style="text-align: center;">None.</p>	<p style="text-align: center;"><b><u>Precautionary Statement</u></b></p> <p style="text-align: center;">Keep out of reach of children. Do not allow to be taken internally.</p>							

### SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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

### SECTION 4 - FIRST-AID MEASURES

<b>Inhalation:</b>	None.
<b>Skin:</b>	Wash with a mild soap containing lanoline or other emollients.
<b>Eyes:</b>	Flush with clear water for 15 minutes and contact a physician if irritations persists.
<b>Ingestion:</b>	None.

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## SECTION 5 - FIRE-FIGHTING MEASURES

<u>Extinguishing Media</u>	<u>Specific Hazards</u>	<u>Protective Equipment</u>								
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><u>Suitable</u></td> <td style="width: 50%;"><u>Unsuitable</u></td> </tr> <tr> <td>Carbon Dioxide</td> <td></td> </tr> <tr> <td>Dry Chemical</td> <td style="text-align: center;">-----</td> </tr> <tr> <td>Water, Foam</td> <td></td> </tr> </table>	<u>Suitable</u>	<u>Unsuitable</u>	Carbon Dioxide		Dry Chemical	-----	Water, Foam		Directly spraying extinguishing media onto hot burning products may cause frothing and spreading of fire.	Self-contained breathing apparatus {(SCBA), MSHA/NIOSH} Full protective gear.
<u>Suitable</u>	<u>Unsuitable</u>									
Carbon Dioxide										
Dry Chemical	-----									
Water, Foam										
<u>Special Firefighting Procedures</u>										
None.										

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Minimize skin contact.
<b>Protective Equipment:</b>	None.
<b>Emergency Procedures:</b>	None.
<b>Environmental Precautions:</b>	Keep product away from sewers, watercourse, or extensive land areas.
<b>Methods for Cleaning-Up:</b>	Recover free product. Add sand, earth, or other absorbent to spill.
<b>Other Precautions:</b>	None.

## SECTION 7 - HANDLING AND STORAGE

<u>Handling</u>	<u>Storage</u>
Do not pressurize, cut, weld, solder, drill, grind or expose drums to other ignition sources.	Store away from heat, sparks and other sources of ignition.

## 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>			
<b>Respiratory Protection:</b>	Organic Vapor Mask.		
<b>Ventilation:</b>	Local exhaust adequate.		
<b>Other Protective Equipment:</b>	<u>Protective Gloves</u>	<u>Eyes/Face Protection</u>	<u>Other Protective Equipment</u>
	Oil Resistant Gloves.	Splash Goggles/Face Shield.	Chemical Resistant Apron.
<b>Other Precautions:</b>	None.		
<u>Engineering Controls</u>			
None.			

## SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance:</b>	Amber	<b>Volatile by Volume:</b>	N/A
<b>Odor:</b>	Petroleum	<b>Vapor Pressure:</b>	0.01
<b>Odor Threshold:</b>	N/A	<b>Vapor Density:</b>	5
<b>pH:</b>	N/A	<b>Relative Density:</b>	N/A
<b>Melting/Freezing Point:</b>	N/A	<b>Solubility:</b>	Very slight at room temp.
<b>Boiling Point:</b>	500 °F	<b>Partition Coefficient: n-octanol/water:</b>	N/A
<b>Boiling Range:</b>	N/A	<b>Auto-ignition Temperature:</b>	N/A
<b>Flash Point:</b>	380 °F	<b>Specific Gravity (H2O=1):</b>	0.9
<b>Evaporation Rate:</b>	<0.01	<b>Viscosity:</b>	N/A
<b>Flammability:</b>	N/A	<b>VOC:</b>	0 g/l
<b>Flammability Limits:</b>	LEL: 1 ; UEL: 7		

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## SECTION 10 - STABILITY AND REACTIVITY

<b>Stability</b> Stable <input checked="" type="checkbox"/> Unstable <input type="checkbox"/>		<b>Hazardous Polymerization</b> May Occur <input type="checkbox"/> Will Not Occur <input checked="" type="checkbox"/>		<b>Conditions To Avoid</b> None.
<b>Incompatible Materials</b> Strong Oxidants such as Chlorine Gas.			<b>Hazardous Decomposition Products</b> Fumes, Smoke, COx, SOx, NOx, when combusted.	

## SECTION 11 - TOXICOLOGICAL INFORMATION

<b>Likely Routes of Exposure</b> Inhalation <input checked="" type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Eye Contact <input type="checkbox"/> Ingestion <input checked="" type="checkbox"/>	<b>Symptoms/Effects</b> None. Reddening and irritation. Reddening and irritation. None.
<b>Long-Term Effects:</b>	Product has a low order of acute, oral, and dermal toxicity. Product contacting the eyes may cause irritation. Repeat skin contact may cause skin irritation or dermatitis because these type of products tend to remove natural emollients from the skin.
<b>Pre-existing Conditions:</b>	Pre-existing dermatitis or skin disease.
<b>Toxicity</b> This product is not classified as hazardous according to OSHA 1910.1200.	

## SECTION 12 - ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	None.
<b>Persistence &amp; Degradability:</b>	None.
<b>Bioaccumulative Potential:</b>	None.
<b>Mobility in Soil:</b>	None.
<b>Other Adverse Effects:</b>	None.

## SECTION 13 - DISPOSAL CONSIDERATIONS

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