



GHS SAFETY DATA SHEET

**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:   <b>INFOTRAC</b>           (800) 535-5053 <b>OR</b> (352) 323-3500           24 hours per day - 7 days a week</p>
<p><b>Product Name: RPO</b></p>	<p><b>Recommended Use:</b> Rust Preventative Oil. Preserves, protects, and lengthens life of sewer cables and augers.</p>

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

<p><b>Labels</b> </p>	<p><b>NFPA</b></p> <table border="0"> <tr> <td data-bbox="381 735 519 840"> <p><b>HEALTH HAZARD</b>            4 – Deadly            3 – Extreme Danger            2 – Hazardous            1 – Slight Hazardous            0 – Normal Material</p> </td> <td data-bbox="519 735 665 840"> </td> <td data-bbox="665 735 812 840"> <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 data-bbox="381 861 519 997"> <p><b>SPECIFIC HAZARD</b>            Oxidizer OX            Acid ACID            Alkali ALK            Corrosive COR            Use NO WATER            Radioactive</p> </td> <td data-bbox="519 861 665 997"> <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> <td></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><b>GHS Classification</b></p> <table border="0"> <tr> <td data-bbox="812 735 1104 903"> <p><b>Health</b>            Acute Toxicity: Cat. 4            Skin Irritation: Cat. 3            Eye Irritation: Cat. 2B            Skin Sensitization: NO</p> </td> <td data-bbox="1104 735 1575 903"> <p><b>Environmental</b>            Acute Aquatic Toxicity: Not Established            Chronic Aquatic Toxicity: Not Established</p> </td> </tr> <tr> <td colspan="2" data-bbox="812 903 1575 997"> <p><b>Physical</b> None</p> </td> </tr> <tr> <td data-bbox="812 997 1104 1255"> <p><b>Hazardous Statements</b>            H303: May be harmful if swallowed            H315: Causes skin irritation            H320: Causes eye irritation</p> </td> <td data-bbox="1104 997 1575 1255"> <p><b>Precautionary Statements</b>            P102: Keep out of reach of children            P280: Wear protective gloves/protective clothing/eye protection/face protection</p> </td> </tr> </table>	<p><b>Health</b>            Acute Toxicity: Cat. 4            Skin Irritation: Cat. 3            Eye Irritation: Cat. 2B            Skin Sensitization: NO</p>	<p><b>Environmental</b>            Acute Aquatic Toxicity: Not Established            Chronic Aquatic Toxicity: Not Established</p>	<p><b>Physical</b> None</p>		<p><b>Hazardous Statements</b>            H303: May be harmful if swallowed            H315: Causes skin irritation            H320: Causes eye irritation</p>	<p><b>Precautionary Statements</b>            P102: Keep out of reach of children            P280: Wear protective gloves/protective clothing/eye protection/face protection</p>
<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><b>Health</b>            Acute Toxicity: Cat. 4            Skin Irritation: Cat. 3            Eye Irritation: Cat. 2B            Skin Sensitization: NO</p>	<p><b>Environmental</b>            Acute Aquatic Toxicity: Not Established            Chronic Aquatic Toxicity: Not Established</p>													
<p><b>Physical</b> None</p>														
<p><b>Hazardous Statements</b>            H303: May be harmful if swallowed            H315: Causes skin irritation            H320: Causes eye irritation</p>	<p><b>Precautionary Statements</b>            P102: Keep out of reach of children            P280: Wear protective gloves/protective clothing/eye protection/face protection</p>													
<p><b>Signal Word</b> Warning</p>														
<p><b>HMS</b></p> <table border="1"> <tr> <td>HEALTH</td> <td>1</td> </tr> <tr> <td>FLAMMABILITY</td> <td>1</td> </tr> <tr> <td>REACTIVITY</td> <td>0</td> </tr> </table>	HEALTH	1	FLAMMABILITY	1	REACTIVITY	0								
HEALTH	1													
FLAMMABILITY	1													
REACTIVITY	0													

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

<u>Chemicals</u>	<u>CAS#</u>	<u>EINECS#</u>	<u>REACH</u>	<u>Approx %</u>
			<u>Pre-registration Number</u>	
SEVERELY HYDROTREATED HEAVY NAPHTHENIC PETROLEUM OIL	64742-52-5	N/A	N/A	>70%
HYDROTREATED PARAFFINIC BASE OIL	64742-58-1	N/A	N/A	<40%

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

**SECTION 4 – FIRST-AID MEASURES**

<p><b>Inhalation:</b> Remove to fresh air.  <b>Skin:</b> Wash with soap and water thoroughly.  <b>Eyes:</b> Flush eyes with clean water for 15 minutes while lifting eyelids. Remove contact lenses if present and easy to do so, continue rinsing. If irritation persists get medical attention.  <b>Ingestion:</b> DO NOT INDUCE VOMITING. Get immediate medical attention.</p>
---

# GHS SAFETY DATA SHEET

## 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:** Carbon Dioxide, Foam, Dry Chemical, Water fog, Sand or Sodium Bicarbonate.  
**Unsuitable Extinguishing Media:** None known.  
**Protective Equipment:** Wear a self-contained breathing apparatus & protective clothing.  
**Special Fire Fighting Procedures:** Use a self-contained breathing apparatus for fighting fires in enclosed areas.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Minimize skin contact.  
**Protective Equipment:** None.  
**Emergency Procedures:** None.  
**Environmental Precautions:** Keep product away from sewers, watercourse or extensive land areas.  
**Methods for Cleaning Up:** Recover free product. Add sand, earth, or other absorbent to spill. Notify authorities if product has entered or may enter sewers, watercourse or extensive land areas.

## SECTION 7 – HANDLING AND STORAGE

### Handling

Keep out of reach of children. Keep container closed when not in use. Do not pressurize, cut, weld, solder, drill, grind or expose drums to other ignition sources.

### Storage

Store away from heat, sparks and other ignition sources.  
**Incompatible Materials:** Strong oxidants such as Chlorine Gas.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Hazardous Chemicals</u>	<u>Exposure Limits</u>		
	<u>ACGIH-TLV</u>	<u>ACGIH-STEL</u>	<u>OSHA-PEL</u>
SEVERELY HYDROTREATED HEAVY NAPHTHENIC PETROLEUM OIL	N/A	N/A	N/A
HYDROTREATED PARAFFINIC BASE OIL	N/A	N/A	N/A

**Engineering Controls:** A source of running water to flush or wash the eyes and skin in case of contact. Use local exhaust as needed. Workers should wash exposed skin several times daily with soap and water. Soiled work clothing should be laundered or dry cleaned.  
**Ventilation:** Local exhaust adequate.  
**Personal Protective Equipment – Respiratory:** Organic vapor mask should be used if mechanical ventilation is insufficient. **Skin:** Oil resistant gloves. Chemical resistant apron. **Eyes:** Splash goggles/Face shield.

## SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance:</b> Light Brown	<b>Flash Point:</b> 315°F	<b>Vapor Pressure:</b> 0.01
<b>Odor:</b> Mild	<b>Specific Gravity:</b> 0.9	<b>Flammability:</b> Not Established
<b>pH:</b> Not Established	<b>Solubility (H<sub>2</sub>O):</b> Insoluble	<b>Flammability Limits:</b> LEL – 1% UEL – 7%
<b>Melting Point:</b> Not Established	<b>Evaporation Rate:</b> <0.01	
<b>Freezing Point:</b> Not Established	<b>Vapor Density:</b> 5	
<b>Boiling Point:</b> 500°F	<b>VOC:</b> 206 g/l	

## 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, CO<sub>x</sub>, SO<sub>x</sub>, NO<sub>x</sub>, when combusted.

# GHS SAFETY DATA SHEET

## SECTION 11 – TOXICOLOGICAL INFORMATION

<u>Hazardous Chemicals</u>	<u>LD<sub>50</sub></u>	<u>LC<sub>50</sub></u>
SEVERELY HYDROTREATED HEAVY NAPHTHENIC PETROLEUM OIL	N/A	N/A
HYDROTREATED PARAFFINIC BASE OIL	N/A	N/A

**Likely Routes of Exposure:** Inhalation, Skin Contact and Ingestion.

**Symptoms and Effect – Inhalation:** None. **Skin Contact:** May cause skin irritation or dermatitis. **Eye Contact:** May cause irritation.

**Ingestion:** None.

**Long-Term Effect:** None known.

**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 206 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: 01/01/2021**