



SECTION 1 - IDENTIFICATION

Table with 2 columns: Manufacturer information (Black Swan Mfg. Co., Chicago, IL) and Recommended Use (Oil that softens and dissolves rust). Includes contact info and emergency call instructions.

SECTION 2 – HAZARD(S) IDENTIFICATION

Table with 2 columns: Hazardous Statements and Precautionary Statements. Includes NFPA diamond (1, 2, 0), GHS Classification (Health, Environmental, Physical), and HMIS ratings (Health 1, Flammability 2, Reactivity 0).

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Table with 5 columns: Chemicals, CAS#, EINECS#, REACH Pre-registration Number, and Approx %. Lists ingredients like DISTILLATES, HYDROTREATED HEAVY NAPHTHENIC, OCTADECANOIC ACID, and SOYBEAN OIL.

SECTION 4 – FIRST-AID MEASURES

Table with 1 column: First-aid measures for Inhalation, Skin, Eyes, and Ingestion. Includes instructions like 'Remove to fresh air' and 'DO NOT INDUCE VOMITING'.

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### SECTION 5 – FIRE-FIGHTING MEASURES

**Fire Hazard:** Do not use forced water stream as this could cause the fire to spread.  
**Combustion Products:** None.  
**Extinguishing Media:** Carbon Dioxide, Foam, Dry Chemical, Water fog, Sand or Sodium Bicarbonate.  
**Unsuitable Extinguishing Media:** None known.  
**Protective Equipment:** Self-contained breathing apparatus {(SCBA), MSHA/NIOSH}. Full protective gear.  
**Special Fire Fighting Procedures:** Use shield to protect from rupturing and venting containers. At elevated temperatures containers may vent, rupture or burst even violently.

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Persons not wearing protective equipment should be excluded from spill area.  
**Protective Equipment:** None.  
**Emergency Procedures:** Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.  
**Environmental Precautions:** Avoid runoff into storm sewers, ditches and waterways. Run-off to sewers may create fire or explosion hazard.  
**Methods for Cleaning Up:** Using a non-metallic scoop, place contaminated material into an approved chemical waste container. All equipment used with handling the concentrate must be grounded.

### SECTION 7 – HANDLING AND STORAGE

#### Handling

Use with adequate ventilation and proper protective equipment. Do not use in confined area without proper ventilation. Contact lenses may cause further damage in case of splash into eye.

#### Storage

Store in a cool, dry area, away from oxidizers. Keep away from open flames, sparks, or other ignition sources. Combustible. Keep containers tightly closed when not in use. **Incompatible Materials:** Strong oxidizing agents and strong acids, Alkali materials.

### 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>
DISTILLATES, HYDROTREATED HEAVY NAPHTHENIC OCTADECANOIC ACID	N/A N/A	N/A 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.  
**Ventilation:** Local exhaust adequate.  
**Personal Protective Equipment – Respiratory:** Respiratory protection program should be in accordance with 29 CFR 1910.134.  
**Personal Protective Equipment – Skin:** Gloves/Apron  
**Personal Protective Equipment – Eyes:** Safety Glasses

### SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance:</b> Light Amber	<b>Flash Point:</b> 350°F	<b>Vapor Pressure:</b> Not Established
<b>Odor:</b> Hydrocarbon	<b>Specific Gravity:</b> 0.9	<b>Flammability:</b> Not Established
<b>pH:</b> Not Established	<b>Solubility (H2O):</b> Insoluble	<b>Flammability Limits:</b> LEL – 1.0% UEL – 9.5%
<b>Melting Point:</b> Not Established	<b>Evaporation Rate:</b> Not Established	
<b>Freezing Point:</b> Not Established	<b>Vapor Density:</b> >1	
<b>Boiling Point:</b> 314°F – 392°F	<b>VOC:</b> 801 g/l	

### SECTION 10 – STABILITY AND REACTIVITY

**Stability:** Stable.  
**Hazardous polymerization:** Will not occur.  
**Conditions to avoid:** Open flames, sparks, and electrical areas.  
**Incompatible materials:** Strong oxidizing agents and strong acids, Alkali materials.  
**Hazardous decomposition products:** Normal products of combustion are smoke, Carbon Dioxide, Carbon Monoxide, and Sulfur Trioxides.

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## SECTION 11 – TOXICOLOGICAL INFORMATION

<u>Hazardous Chemicals</u>	<u>LD<sub>50</sub></u>	<u>Toxicity</u>	<u>LC<sub>50</sub></u>
DISTILLATES,			
HYDROTREATED HEAVY NAPHTHENIC	N/A		N/A
OCTADECANOIC ACID	N/A		N/A
SOYBEAN OIL, METHYL ESTERS	N/A		N/A

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

**Symptoms and Effect - Inhalation:** Irritant to mucous membranes. Repeated exposure may cause narcosis, dizziness, respiratory or lung irritation. **Skin Contact:** Irritant. Defatting of tissue, dermatitis may occur. **Eye Contact:** Irritant. Prolonged contact may cause conjunctivitis. **Ingestion:** Harmful or Fatal if swallowed.

**Long-Term Effect:** None.

**Pre-Existing Conditions:** None.

**Other Health Warnings:** Vomiting and subsequent aspiration into the lungs may lead to chemical pneumonia and pulmonary edema which is potentially a fatal condition.

## SECTION 12 – ECOLOGICAL INFORMATION

**Ecotoxicity:** None.

**Persistence & Degradability:** None.

**Bioaccumulative Potential:** None.

**Mobility in soil:** In normal use, emission of Volatile Organic Compounds (VOC's) to the air takes place, typically at a rate of  $\leq 801$  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:** R22-Harmful if swallowed.

**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**