



SECTION 1 - IDENTIFICATION

Table with 2 columns: Manufacturer information (Black Swan Mfg. Co., 4540 W. Thomas St., Chicago, IL 60651-3318, Tel.: 800-252-5796, Fax: 773-227-3705, Web Site: www.blackswanmfg.com, E-mail: info@blackswanmfg.com) and For any Transportation or Medical Chemical Emergencies call: INFOTRAC (800) 535-5053 OR (352) 323-3500, 24 hours per day - 7 days a week. Product Name: Pipe-Lube Aerosol. Recommended Use: For lubrication of slip-on or "O" ring type joints with rubber or synthetic rubber type gaskets.

SECTION 2 - HAZARD(S) IDENTIFICATION

Table with 3 columns: Labels (Flammable, Corrosive), Signal Word (Danger), HMIS (HEALTH 0, FLAMMABILITY 2, REACTIVITY 0), NFPA (HEALTH HAZARD 0, FIRE HAZARD 1, REACTIVITY 0), GHS Classification (Health: Acute Toxicity: Not Established, Skin Irritation: Cat. 2, Eye Irritation: Cat. 1, Skin Sensitization: NO; Environmental: Acute Aquatic Toxicity: Not Established, Chronic Aquatic Toxicity: Not Established; Physical: Flammability: Cat. 1, Gases Under Pressure), Hazardous Statements (H220: Extremely Flammable Aerosol, H315: Causes skin irritation, H318: Cause serious eye damage), and Precautionary Statements (P103: Read label before use, P210: Keep away from heat, sparks, open flames, and hot surfaces. No smoking, P211: Do not spray on an open flame or other ignition sources, P251: Do not pierce or burn, even after use, P264: Wash thoroughly after handling, P280: Wear protective gloves, protective clothing, eye protection, and face protection).

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Table with 4 columns: Chemicals, CAS#, EINECS#, and Approx %. Rows include: FATTY ACIDS - C16-18 AND C18-UNSATD (CAS# 67701-08-0, EINECS# N/A, Approx % 30-60%), DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC (CAS# 64742-53-6, EINECS# 265-156-6, Approx % 15%-25%), ISOPROPYL ALCOHOL (CAS# 67-63-0, EINECS# 200-661-7, Approx % 11%), PROPANE (CAS# 74-98-6, EINECS# 200-827-9, Approx % 6%), BUTANE (CAS# 106-97-8, EINECS# 203-448-7, Approx % 6%), POTASSIUM HYDROXIDE (CAS# 1310-58-3, EINECS# 215-181-3, Approx % 5%-15%), PROPYLENE GLYCOL, 1,2-PROPANEDIOL (CAS# 57-55-6, EINECS# N/A, Approx % 4%).

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

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SECTION 4 – FIRST-AID MEASURES

Inhalation: Remove victim to fresh air. If irritation persists get medical attention.

Skin: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. Seek medical attention if irritation persists.

Eyes: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do so-continue rinsing. If eye irritation persists: Get medical advice or attention.

Ingestion: Rinse mouth. Do not induce vomiting. Call a poison control center or doctor if you do not feel well.

SECTION 5 – FIRE-FIGHTING MEASURES

Fire Hazard: Use water spray to keep fire-exposed containers cool. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

Combustion Products: None known.

Extinguishing Media: Carbon Dioxide, Dry Chemical, Water, or Foam.

Unsuitable Extinguishing Media: Do not use water jet as an extinguisher, as this will spread the fire.

Protective Equipment: Self-contained breathing apparatus {(SCBA), MSHA/NIOSH}. Full protective gear, including flame retardant coat, helmet with face shield, gloves, and rubber boots.

Special Fire Fighting Procedures: None known.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate shoes to avoid slips. Do not touch damaged containers or spilled material unless wearing appropriate clothing. Avoid breathing vapors. Keep upwind. Keep unauthorized personnel away.

Protective Equipment: None known.

Emergency Procedures: Ventilate area. Remove all sources of ignition.

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

Handling

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in the work area. Do not puncture or incinerate (burn) cans. Do not stick pin, nail or any other sharp objects into opening on top of can. Do not spray into eyes.

Storage

Store in a well-ventilated area. Keep away from heat, sparks and flame. Protect from sunlight. Do not store above 122°F/50°C. Empty containers may contain residue; treat as if full and observe all product precautions. KEEP OUT OF REACH OF CHILDREN.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Hazardous Chemicals</u>	<u>Exposure Limits</u> <u>ACGIH-TLV</u>	<u>OSHA-PEL</u>
FATTY ACIDS - C16-18 AND C18-UNSATD	N/A	N/A
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC	N/A	5 mg/mg ³ (mist) / 500 ppm 2,000 mg/mg ³
ISOPROPYL ALCOHOL	5 mg/mg ³ , 8 hours	400 ppm 980 mg/mg ³
PROPANE	N/A	1,000 ppm 1,800 mg/mg ³
BUTANE	N/A	1,000 ppm
POTASSIUM HYDROXIDE	N/A	2 mg/mg ³
PROPYLENE GLYCOL, 1,2-PROPANEDIOL	N/A	N/A

Engineering Controls: Eye wash and safety showers should be available. Never eat, drink or smoke in work areas. Ventilation should be sufficient to prevent inhalation of any vapors. General dilution and/or local exhaust ventilation in volume to keep PEL/TLV of most hazardous ingredient below acceptable limit and lel below stated limit.

Ventilation: None under normal use. Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use an approved airline respirator or hood. Self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

Personal Protective Equipment – Respiratory: Use approved chemical/mechanical filters designed to remove particles and vapors. Self-contained breathing apparatus required for vapor concentrations above PEL/TLV limitations.

Personal Protective Equipment – Skin: None under normal use. Use solvent-resistant for prolonged or repeated contact. Coveralls recommended.

Personal Protective Equipment – Eyes: None under normal use. However, use of safety glasses with splash guards or full face shield should be used if indicated.

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SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance: Aerosol product	Flash Point: Estimated -104.44°C	Vapor Pressure: 2,994-4,373 hPa (20°C) 6,133-7,512 hPa (54°)
Odor: Aeromatic/Soapy	Specific Gravity: >1.0	Flammability: Level 1 Aerosol
pH: N/A	Solubility (H2O): Insoluble	Flammability Limits: LEL – 2.15 V Estimated UEL – 9.5 V Estimated
Melting Point: N/A	Evaporation Rate: Slower than ether	
Freezing Point: N/A	Vapor Density: Heavier than air	
Boiling Point: N/A	VOC: N/A	

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable under normal storage and handling conditions.

Hazardous polymerization: None known.

Conditions to avoid: Application to hot surfaces. Storage above 120°F. Exposure to open flame.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: Carbon Dioxide, Carbon Monoxide, and other toxic fumes.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity

Long-term toxicological studies have not been conducted for this product.

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

Symptoms and Effect – Inhalation: Respiratory irritation, headache, nausea, fatigue, drowsiness, impaired-coordination.

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.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: None known.

Persistence & Degradability: None known.

Bioaccumulative Potential: None known.

Mobility in soil: None known.

SECTION 13 – DISPOSAL CONSIDERATION

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

SECTION 14 – TRANSPORTATION INFORMATION

Shipping Information

Shipping Name: Aerosol, Flammable

Hazardous Class: 2.1

I.D. Number: UN1950

Packing Group: II

Label Required: Flammable Liquid

Marine Pollutant: No

Exception to the rule: If the package that contains the hazardous material is in a small consumer size (Less than 1L), then the rules that apply to shipping hazardous materials do not apply. This is called an “Exception”.

This is classified as Limited Quantity.

SECTION 15 – REGULATORY INFORMATION

Precautionary Label Information: None.

Risk Phrases: None.

Safety Phrases: S2-Keep out of reach of children.

All ingredients are either listed on the TSCA inventory or are exempt.

This product can expose you to chemicals including those listed below, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www. P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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