



SECTION 1 - IDENTIFICATION

Manufacturer: 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	For any Transportation or Medical Chemical Emergencies call: <p style="text-align: center;">INFOTRAC</p> <p style="text-align: center;">(800) 535-5053 OR (352) 323-3500</p> <p style="text-align: center;">24 hours per day - 7 days a week</p>
Product Name: Dirty Birdy Hand Cleaner	Recommended Use: Cleans dirt, grease and grime.

SECTION 2 – HAZARD(S) IDENTIFICATION

Labels None	NFPA	GHS Classification	
Signal Word None	<p>HEALTH HAZARD 4 - Deadly 3 - Extreme Danger 2 - Hazardous 1 - Slight Hazardous 0 - Normal Material</p> <p>SPECIFIC HAZARD Oxidizer OX Acid ACID Alkali ALK Corrosive COR Use NO WATER W Radioactive R</p>	Health	Environmental
HMIS		<p>Acute Toxicity: Not Established Skin Irritation: Not Established Eye Irritation: Not Established Skin Sensitization: NO</p>	<p>Acute Aquatic Toxicity: Not Established Chronic Aquatic Toxicity: Not Established</p>
	<p>FIRE HAZARD 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>REACTIVITY 4 - May detonate 3 - Shock and heat may detonate 2 - Violent chemical change 1 - Unstable if heated 0 - Stable</p>	Physical None	
		Hazardous Statements None	Precautionary Statements P102 : Keep out of reach of children P262: Do not get in eyes, on skin, or on clothing

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemicals	CAS#	EINECS#	REACH Pre-registration Number	Approx %
D'LIMONENE	5989-27-5	N/A	N/A	10-20%

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

SECTION 4 – FIRST-AID MEASURES

Inhalation: Move into fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and call physician.

Skin: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water.

Eyes: Flush with water for 15 minutes. If irritation persists, get medical attention.

Ingestion: Give 1 or 2 glasses of water. DO NOT INDUCE VOMITING. Contact physician immediately.

SECTION 5 – FIRE-FIGHTING MEASURES

Fire Hazard: None.

Combustion Products: None.

Extinguishing Media: Dry Chemical, Carbon Dioxide.

Unsuitable Extinguishing Media: Water, Foam.

Protective Equipment: Wear a self-contained breathing apparatus.

Special Fire Fighting Procedures: Water may be ineffective. As in any fire, wear a self-contained breathing apparatus pressure-demand NIOSH/MSHA approved or equivalent and full protective gear. Water spray to cool contaminated protect personnel. Use with caution.

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SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Eliminate all ignition sources.
Protective Equipment: None.
Emergency Procedures: None.
Environmental Precautions: Avoid runoff into storm sewers, ditches and waterways.
Methods for Cleaning Up: Absorb spill with inert material, then place in a chemical waste container. Clean up spills immediately observing precautions in the protective equipment section. After removal, flush spill area with soap and water to remove trace residue.

SECTION 7 – HANDLING AND STORAGE

Handling

Keep containers closed when not in use.

Storage

Store containers in a cool, well ventilated place. Keep away from heat, sparks, and flame. Keep contained when not in use.

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>
D'LIMONENE	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 ventilation is adequate.
Personal Protective Equipment – Respiratory: NIOSH/MSHA approved respirators may be necessary if airborne concentration are expected to exceed exposure limits.
Personal Protective Equipment – Skin: Gloves.
Personal Protective Equipment – Eyes: Glasses/Splash goggles.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance: Off-White viscous paste	Flash Point: >200°F	Vapor Pressure: Negligible
Odor: Characteristic odor	Specific Gravity: 0.8785	Flammability: Not Established
pH: Not Established	Solubility (H2O): Negligible	Flammability Limits: LEL – Not Established
Melting Point: Not Established	Evaporation Rate: <1 (butyl acetate=1)	UEL – Not Established
Freezing Point: Not Established	Vapor Density: >1 (air=1)	
Boiling Point: Not Established	VOC: 316 g/l	

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.
Hazardous polymerization: Will not occur.
Conditions to avoid: Avoid impact, friction, heat, sparks or flame.
Incompatible materials: Strong oxidizing agents.
Hazardous decomposition products: Decomposition releases nitrogen oxides. During combustion asphyxiants may be released. During combustion carbon may be formed. During combustion Carbon Monoxide may be formed.

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SECTION 11 – TOXICOLOGICAL INFORMATION

<u>Hazardous Chemicals</u>	<u>Toxicity</u>	<u>LC₅₀</u>
D'LIMONENE	<u>LD₅₀</u> N/A	N/A

Likely Routes of Exposure: Inhalation, Skin Contact, Eye Contact and Ingestion.
Symptoms and Effect - Inhalation: Vapors can cause irritation of the respiratory tract. High concentrations can cause headache, nausea, weakness, lightheadedness, and stupor (CAN depression). **Skin Contact:** Prolongs or repeated contact can result in defatting and drying of skin which may result in skin irritation and dermatitis (rash). Personnel with pre-existing skin disorders should avoid contact with this product. Causes skin irritation. **Eye Contact:** Severely irritating. If not removed promptly, will injure eye tissue, can result in permanent damage. **Ingestion:** May cause central nervous system depression. Ingestion may result in vomiting, diarrhea and restlessness. Harmful or fatal if liquid is aspirated into lungs. Irritation to mouth, throat and salivary glands.
Long-Term Effect: Significant exposure to this chemical may adversely affect people with chronic disease of the respiratory system, central nervous system, kidney, liver, skin, and/or eyes. Overexposure may cause kidney damage. Overexposure may cause nervous system damage.
Pre-Existing Conditions: None known.

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 ≤ 316 g/l.
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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: 01/01/2019
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