




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 : www.blackswanmfg.com E-mail : info@blackswanmfg.com</p>	<p>For any Transportation or Medical Chemical Emergencies call:</p> <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>
<p>Product Name: Leak Detector</p>	<p>Recommended Use: An all-purpose gas leak detector. Works on tubing, valves, cylinders, pressurized tanks, etc.</p>

SECTION 2 – HAZARD(S) IDENTIFICATION

<p>Labels None</p>	<p style="text-align: center;">NFPA</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> <p>HEALTH HAZARD 4 – Deadly 3 – Extreme Danger 2 – Hazardous 1 – Slight Hazardous 0 – Normal Material</p> </td> <td style="width: 50%; border: none;"> <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> </td> </tr> <tr> <td style="border: none;"> <p>SPECIFIC HAZARD Oxidizer OX Acid ACID Alkali ALK Corrosive COR Use NO WATER W Radioactive R</p> </td> <td style="border: none;"> <p>REACTIVITY 4 – May detonate 3 – Shock and heat may detonate 2 – Violent chemical change 1 – Unstable if heated 0 – Stable</p> </td> </tr> </table> 	<p>HEALTH HAZARD 4 – Deadly 3 – Extreme Danger 2 – Hazardous 1 – Slight Hazardous 0 – Normal Material</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>SPECIFIC HAZARD Oxidizer OX Acid ACID Alkali ALK Corrosive COR Use NO WATER W Radioactive R</p>	<p>REACTIVITY 4 – May detonate 3 – Shock and heat may detonate 2 – Violent chemical change 1 – Unstable if heated 0 – Stable</p>	<p style="text-align: center;">GHS Classification</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> <p style="text-align: center;">Health</p> <p>Acute Toxicity: Not Established Skin Irritation: Not Established Eye Irritation: Not Established Skin Sensitization: NO</p> </td> <td style="width: 50%; border: none;"> <p style="text-align: center;">Environmental</p> <p>Acute Aquatic Toxicity: Not Established Chronic Aquatic Toxicity: Not Established</p> </td> </tr> <tr> <td colspan="2" style="border: none;"> <p style="text-align: center;">Physical</p> <p>Flammability: Not Established</p> </td> </tr> </table>	<p style="text-align: center;">Health</p> <p>Acute Toxicity: Not Established Skin Irritation: Not Established Eye Irritation: Not Established Skin Sensitization: NO</p>	<p style="text-align: center;">Environmental</p> <p>Acute Aquatic Toxicity: Not Established Chronic Aquatic Toxicity: Not Established</p>	<p style="text-align: center;">Physical</p> <p>Flammability: Not Established</p>	
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SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

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

SECTION 4 – FIRST-AID MEASURES

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Skin: Remove contaminated shoes and clothing and clean before reuse. Wash skin with flowing water. Get medical attention if irritation persists.

Eyes: Flush eyes with water for a minimum of 15 minutes occasionally lifting lower and upper lids. Get medical attention.

Ingestion: DO NOT INDUCE VOMITING. Do not give liquids. Obtain medical attention.

SECTION 5 – FIRE-FIGHTING MEASURES

Fire Hazard: None.

Combustion Products: None

Extinguishing Media: Dry Chemical, Carbon Dioxide, Water Fog, Foam

Unsuitable Extinguishing Media: N/A

Protective Equipment: Wear a self-contained breathing apparatus & protective clothing.

Special Fire Fighting Procedures: None.

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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: Eliminate all ignition sources. Do not touch or walk through spilled material. Flush spill area with water. Ventilate spill area. Absorb spill with inert material (dry sand or earth), then place in a chemical waste container.

SECTION 7 – HANDLING AND STORAGE

Handling

Keep out of reach of children. Ground and bond containers when transferring material.

Storage

Store container in a cool, well ventilated place. Keep away from heat, sparks, and flame. Keep from freezing. Keep container closed when not in use. **Incompatible Materials:** Strong oxidizing agents, Sodium Nitrite, Nitrositing agents, Acids.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

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

Engineering Controls: A source of running water to flush or wash the eyes and skin in case of contact.

Ventilation: Local exhaust adequate.

Personal Protective Equipment – Respiratory: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. **Skin:** Impervious protective gloves. Apron and boots. **Eyes:** None.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Greenish-Yellow	Flash Point:	200°F	Vapor Pressure:	Not Established
Odor:	Typical	Specific Gravity:	1.0337	Flammability:	Not Established
pH:	Not Established	Solubility (H₂O):	Soluble	Flammability Limits:	LEL – Not Established UEL – Not Established
Melting Point:	Not Established	Evaporation Rate:	<1		
Freezing Point:	Not Established	Vapor Density:	>1		
Boiling Point:	Not Established	VOC:	15 g/l		

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable

Hazardous polymerization: Will not occur

Conditions to avoid: None

Incompatible materials: Strong oxidizing agents, Sodium Nitrite, Nitrositing Agents, Acids.

Hazardous decomposition products: Combustion can lead to the formation of ammonia. Decomposition causes Sulfur Oxides to be released. Decomposition releases Nitrogen Oxides.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity

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

Likely Routes of Exposure: Inhalation, Skin Contact, Eye contact, Ingestion

Symptoms and Effect – Inhalation: Vapors can cause irritation of the respiratory tract. High concentrations can cause headache, nausea, weakness, lightheadedness, and stupor (CNS Depression). **Skin Contact:** Prolonged or repeated contact can result in defatting and drying of the skin, which may result in skin irritation and dermatitis (rash). **Eye Contact:** Cause eye irritation. **Ingestion:** Would likely cause gastrointestinal tract irritation. Ingestion may result in nausea, vomiting, diarrhea, and restlessness.

Long-Term Effect: None.

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 15 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: 01/01/2014