





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 : 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: Impact</p>	<p>Recommended Use: Dissolves grease in drains, grease traps, septic tanks, cess-pools, and dry wells.</p>

SECTION 2 – HAZARD(S) IDENTIFICATION

<p>Labels</p>  <p>Flammable Irritant</p>	<p>NFPA</p> <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>GHS Classification</p> <table border="1"> <tr> <td data-bbox="808 745 1136 913"> <p>Health</p> <p>Acute Toxicity: Not Established Skin Irritation: Not Established Eye Irritation: Cat. 2 Skin Sensitization: NO</p> </td> <td data-bbox="1136 745 1575 913"> <p>Environmental</p> <p>Acute Aquatic Toxicity: Not Established Chronic Aquatic Toxicity: Not Established</p> </td> </tr> </table>	<p>Health</p> <p>Acute Toxicity: Not Established Skin Irritation: Not Established Eye Irritation: Cat. 2 Skin Sensitization: NO</p>	<p>Environmental</p> <p>Acute Aquatic Toxicity: Not Established Chronic Aquatic Toxicity: Not Established</p>						
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<p>Signal Word</p> <p>Warning</p>		<p>Physical</p> <p>Flammable Liquid: Cat. 3</p>								
<p>HMIS</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	<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>	<table border="1"> <tr> <td data-bbox="808 997 1096 1350"> <p>Hazardous Statements</p> <p>H225: Flammable liquid and vapour H319: Causes serious eye irritation</p> </td> <td data-bbox="1096 997 1575 1350"> <p>Precautionary Statements</p> <p>P210: Keep away from heat/sparks/open flame/hot surfaces – no smoking P233: Keep container tightly closed P242: Use only non-sparking tools P243: Take precautionary measures against static discharge P264: Wash thoroughly after handling P271: Use only outdoors or in a well-ventilated area P280: Wear protective gloves/protective clothing/eye protection/face protection</p> </td> </tr> </table>	<p>Hazardous Statements</p> <p>H225: Flammable liquid and vapour H319: Causes serious eye irritation</p>	<p>Precautionary Statements</p> <p>P210: Keep away from heat/sparks/open flame/hot surfaces – no smoking P233: Keep container tightly closed P242: Use only non-sparking tools P243: Take precautionary measures against static discharge P264: Wash thoroughly after handling P271: Use only outdoors or in a well-ventilated area P280: Wear protective gloves/protective clothing/eye protection/face protection</p>
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SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemicals</u>	<u>CAS#</u>	<u>EINECS#</u>	<u>REACH</u> <u>Pre-registration Number</u>	<u>Approx %</u>
TERPENE HYDROCARBONS	5989-27-5	N/A	N/A	10-25%
ALKANOLAMIDE	68603-42-9	N/A	N/A	10-25%
2-(2-BUTOXYETHOXY) ETHANOL	112-34-5	N/A	N/A	2.5-10%
TETRAPOTASSIUM PYROPHOSPHATE	7320-34-5	N/A	N/A	1-2.5%
ETHANOLAMINES, 2,2'- IMINOBISETHANOL	111-42-2	N/A	N/A	1-2.5%

*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. Provide oxygen if breathing is difficult. Give artificial respiration if the victim is not breathing. Get immediate medical attention.

Skin: Immediately flush skin with water. Take off contaminated clothing and wash before reuse. Get immediate medical attention.

Eyes: Do not rub eyes. Immediately flush eyes with water for at least 15 minutes while holding eyelids open. Remove contact lenses if present and easy to do so, continue rinsing. Get immediate medical attention.

Ingestion: Do not induce vomiting. Get immediate medical attention.

SECTION 5 – FIRE-FIGHTING MEASURES

Fire Hazard: Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture.

Combustion Products: None known.

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

Unsuitable Extinguishing Media: None known.

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

Special Fire Fighting Procedures: Combustible. Clear fire area of unprotected personnel. Do not enter confined fire spaces without helmet, face shield, bunker coat, gloves, rubber boots, and a positive-pressure NIOSH-approved self-contained breathing apparatus.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Evacuate the area and keep unnecessary and unprotected personnel from entering the spill area.

Protective Equipment: Wear appropriate personal protective equipment.

Emergency Procedures: None.

Environmental Precautions: Eliminate all ignition sources. Keep product out of sewers and waterways. Do not walk through spilled material. This product is believed not to be dangerous to the environment.

Methods for Cleaning Up: Large Spills: Shut off source of leak only if safe to do so. Dike and contain. If vapor cloud forms, water fog may be used to suppress; contain run-off. Remove with vacuum trucks or pump to storage or salvage vessels. Soak up residue with an absorbent such as clay, sand or other suitable material; place in non-leaking containers for proper disposal. Flush area with water to remove trace residue; dispose of flush solution as above. Small Spills: Take up with an absorbent material and place in non-leaking containers; seal tightly for proper disposal.

SECTION 7 – HANDLING AND STORAGE

Handling

Keep away from heat, hot surfaces, sparks, open flame and other ignition sources. Do not smoke while using this product. Avoid breathing vapour, fumes or mist. Avoid contact with eyes, skin and clothing. Potential peroxide former. If peroxide formation is suspected, do not open or move container. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measure against static discharge. After opening, purge container with nitrogen before reclosing. Addition of water or appropriate reducing materials will lessen peroxide formation. Follow all MSDS/label precautions even after containers are emptied because they may retain product residue.

Storage

Keep container tightly closed. Keep away from heat, sparks and flame. Store container in a cool well ventilated place. Keep from freezing. Keep containers closed when not in use. **Incompatible Materials:** Oxidizing materials, strong acids, lead, copper and their alloys, aluminum, amines, polyamines and nitrosating agents.

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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>
TERPENE HYDROCARBONS	N/A	N/A	N/A
ALKANOLAMIDE	N/A	N/A	N/A
2-(2-BUTOXYETHOXY) ETHANOL	10 ppm	N/A	N/A
TETRAPOTASSIUM PYROPHOSPHATE	N/A	N/A	N/A
ETHANOLAMINES, 2,2'- IMINOBISETHANOL	2 mg/m ³	N/A	15 mg/m ³

Engineering Controls: A source of running water to flush or wash the eyes and skin in case of contact.
Ventilation: Use ventilation as required to control vapor concentrations-at least 10 air changes per hour are recommended for good general room ventilation. If exposure exceeds the PEL/TLV, use the appropriate NIOSH-approved respirator.
Personal Protective Equipment – Respiratory: NIOSH-approved respirator. **Skin:** Rubber/Plastic gloves. **Eyes:** Safety glasses/splash shield.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance: Colorless	Flash Point: 130°F	Vapor Pressure: Not Established
Odor: Strong Fragrant	Specific Gravity: Not Established	Flammability: Not Established
pH: Not Established	Solubility (H₂O): Soluble	Flammability Limits: LEL – Not Established
Melting Point: Not Established	Evaporation Rate: <1.0	UEL – Not Established
Freezing Point: Not Established	Vapor Density: Not Established	
Boiling Point: 212°F	VOC: 300 g/l	

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.
Hazardous polymerization: Will not occur.
Conditions to avoid: Open flames, sparks, and ignition sources.
Incompatible materials: Oxidizing materials, strong acids, lead, copper and their alloys, aluminum, amines, polyamines and nitrosating agents.
Hazardous decomposition products: Oxides and compounds of nitrogen, carbon dioxide, carbon monoxide and unidentified organic compounds may be formed during combustion.

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SECTION 11 – TOXICOLOGICAL INFORMATION

<u>Hazardous Chemicals</u>	<u>Toxicity</u>	
	<u>LD₅₀</u>	<u>LC₅₀</u>
TERPENE HYDROCARBONS	Oral: 4400 mg/kg Dermal: 5000 mg/kg	N/A
2-(2-BUTOXYETHOXY) ETHANOL	Oral: <1746 mg/kg Dermal: <20000 mg/kg	Vapour: <699.2 mg/kg
ETHANOLAMINES, 2,2'- IMINOBISETHANOL	Oral: <680 mg/kg Dermal: <8180 mg/kg	Vapour: <20 mg/kg

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

Symptoms and Effect – Inhalation: Vapors/Mists corrosive to the nose, throat, respiratory tract, and other mucous membranes. Overexposure may result in chemical pneumonitis or pulmonary edema which are potentially fatal. Exposure to high concentrations of vapors may produce central nervous system depression. Respiratory irritation include runny nose, sore throat, coughing, chest discomfort, shortness of breath and reduced lung function. **Skin Contact:** May be moderately irritating to the skin. Prolonged contact may cause damage to the skin. Prolonged contact may result in defatting and drying of the skin which may result in dermatitis. Skin irritation may include reddening, swelling, rash and redness. **Eye Contact:** Severe irritation to the eyes. May cause extensive corneal injury. Eye irritation may include pain, tearing, reddening and swelling. **Ingestion:** May cause chemical burns to the gastrointestinal tract. May cause kidney damage. May cause liver damage. May cause central nervous system depression.

Long-Term Effect: Symptoms of chronic overexposure include loss of memory, loss of intellectual ability and loss of coordination. Lung sensitization results in asthma-like symptoms: chest-tightness, shortness of breath, wheezing & coughing. These symptoms may be immediate or delayed up to several hours.

Pre-Existing Conditions: Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to this product. Impaired liver functions from pre-existing disorders may be aggravated by exposure to this product.

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 300 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