



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: INFOTRAC (800) 535-5053 OR (352) 323-3500 24 hours per day - 7 days a week
Product Name: Freeze-Guard Inhibitor	Recommended Use: Additive to recharge the inhibitor levels in your Freeze-Guard levels.

SECTION 2 – HAZARD(S) IDENTIFICATION

Labels None	NFPA HEALTH HAZARD 4 – Deadly 3 – Extreme Danger 2 – Hazardous 1 – Slight Hazardous 0 – Normal Material SPECIFIC HAZARD Oxidizer OX Acid ACID Alkali ALK Corrosive COR Use NO WATER W Radioactive R	REACTIVITY 4 – May detonate 3 – Shock and heat may detonate 2 – Violent chemical change 1 – Unstable if heated 0 – Stable	GHS Classification Health Acute Toxicity: Not Established Skin Irritation: Not Established Eye Irritation: Not Established Skin Sensitization: NO Environmental Acute Aquatic Toxicity: Not Established Chronic Aquatic Toxicity: Not Established
Signal Word None		Physical None	Hazardous Statements None
HMIS HEALTH 1 FLAMMABILITY 1 REACTIVITY 0			Precautionary Statements P102 : Keep out of reach of children P270: Do not eat, drink or smoke when using this product

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemicals	CAS#	EINECS#	REACH Pre-registration Number	Approx %
DIPOTASSIUM PHOSPHATE ANHYDROUS	7758-11-4	231-834-5	N/A	40-60 %

*Unlisted ingredients are 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 medical attention immediately. Skin: Wash with soap and water. Get medical attention if irritation develops or persists. Eyes: Immediately flush eyes with plenty of water. Get medical attention if irritation persists. Ingestion: DO NOT INDUCE VOMITING. Do not give liquids. Get medical attention.

SECTION 5 – FIRE-FIGHTING MEASURES

Fire Hazard: Oxides of phosphorus. Combustion Products: None known. Extinguishing Media: Carbon Dioxide, Water Fog, Chemical Type Foam. Unsuitable Extinguishing Media: None known. Protective Equipment: Wear a self-contained breathing apparatus & protective clothing. Special Fire Fighting Procedures: Evacuate personnel downwind of fire to avoid inhalation or irritating and/or harmful fumes and smoke. Cool exposed containers with water spray to prevent overheating.
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SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Minimize skin contact.

Protective Equipment: None.

Emergency Procedures: Ventilate spill area.

Environmental Precautions: Keep product out of sewers and waterways. If it enters waterways, including intermittent dry creeks, contact the local authorities. If in the U.S. contact the US Coast Guard National Response Center (800) 424-8802.

Methods for Cleaning Up: Small spill- Prevent spreading. Absorb on diatomaceous earth or equivalent inert material. Shovel up and dispose of at an appropriate waste disposal facility according to current applicable laws and regulations. Large spills – Contain material and call the local fire or police department for immediate emergency assistance.

SECTION 7 – HANDLING AND STORAGE

Handling

Keep out of reach of children. Use appropriate personal protective equipment. Handle in a well-ventilated area. Handle and use in a manner consistent with good industrial /manufacturing techniques and practices.

Storage

Store in a cool, well ventilated place. Keep container closed when not in use. **Incompatible Materials:** Aluminum.

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>
DIPOTASSIUM PHOSPHATE ANHYDRO	10 mg/m ³ (inhalable) 8 hr TWA	N/A	15 mg/m ³ (total dust) 8 hr TWA
	3 mg/m ³ (respirable) 8 hr TWA	N/A	5 mg/m ³ (respirable) 8 hr TWA

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

Ventilation: Local exhaust adequate.

Personal Protective Equipment – Respiratory: Always wear NIOSH approved respiratory protective equipment where there may be potential for airborne exposure. **Skin:** Neoprene/Butyl rubber gloves. Apron/Bodysuit. **Eyes:** Safety glasses/Goggles/Face Shield.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Clear	Flash Point:	Not Established	Vapor Pressure:	0.1 mmHg @ 68°F
Odor:	Odorless	Specific Gravity:	1.54 Unit:@15°C/4°C	Flammability:	Not Established
pH:	9	Solubility (H2O):	Miscible	Flammability Limits:	LEL – Not Established
Melting Point:	253° C	Evaporation Rate:	Not Established		UEL – Not Established
Freezing Point:	Not Established	Vapor Density:	Not Established		
Boiling Point:	223°F	VOC:	0 g/l		

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.

Hazardous polymerization: Will not occur.

Conditions to avoid: None known.

Incompatible materials: Aluminum.

Hazardous decomposition products: Oxides of phosphorus.

SECTION 11 – TOXICOLOGICAL INFORMATION

<u>Hazardous Chemicals</u>	<u>Toxicity</u>	
	<u>LD₅₀</u>	<u>LC₅₀</u>
DIPOTASSIUM PHOSPHATE ANHYDROUS	Dermal: 300 mg/kg (rabbit)	N/A
	Oral: >500mg/kg (rat)	

Likely Routes of Exposure: Skin Contact and Eye Contact.

Symptoms and Effect – Inhalation: None. **Skin Contact:** No significant irritation. **Eye Contact:** No significant irritation. **Ingestion:** None.

Long-Term Effect: None.

Pre-Existing Conditions: None.

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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 0 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: 01/01/2026