



Freeze-Guard Inhibitor

Material Safety Data Sheet

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 Manufacturing 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 sheet.

SECTION I - GENERAL INFORMATION				
Black Swan Manufacturing Co. 4540 W. Thomas Street Chicago, IL 60651-3318 Telephone No: 1-773-227-3700 Fax No: 1-773-227-3705		For chemical emergencies during transportation only call INFOTRAC 1-800-535-5053 24 hours per day - 7 days a week		
Date Prepared 01/01/08		Trade Name Freeze-Guard Inhibitor		
SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION				
HAZARDOUS COMPONENTS	CAS#	APPROX%	ACGIH-TLV	OSHA-PEL
THIS PRODUCT IS NOT CLASSIFIED AS HAZARDOUS IN ACCORDANCE WITH OSHA 1910.1200.				
*Title III Section 313 Supplier Notification: this product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency planning and community Right-to-Know Act of 1966 and of 40CFR372. This information must be included in all MSDS's that are copied and distributed for this material.				
SHIPPING INFORMATION		SPECIAL HAZARD DESIGNATIONS		
NOT HAZARDOUS FOR SHIPPING PURPOSES.				
		<u>HMS</u>	<u>HAZARD RATING</u>	
	HEALTH	0	0 - MINIMAL	
	FLAMMABILITY	0	1- SLIGHT	
	REACTIVITY	0	2- MODERATE	
	PROTECTIVE EQUIPMENT	A	3- SERIOUS	
			4- SEVERE	

SECTION III - PHYSICAL DATA			
APPEARANCE CLEAR LIQUID	ODOR ODORLESS	BOILING POINT 212° F (100° C)	
SPECIFIC GRAVITY (H2O=1) 1.23	VAPOR PRESSURE (mm Hg.) NON-VOLATILE	VOLATILE BY VOLUME (%) N/A	
VAPOR DENSITY (AIR=1) NON-VOLATILE	EVAPORATION RATE (BUAC=1) NON-VOLATILE	SOLUBILITY IN WATER NEGLIGIBLE	
SECTION IV - FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (METHOD USED)	FLAMMABLE LIMITS	LEL	UEL
NON-FLAMMABLE	(PERCENT BY VOLUME)	N/A	N/A
FIRE EXTINGUISHING MEDIA WATER, WATER FOG, CO2 OR DRY CHEMICAL CAN BE USED AS APPROPRIATE FOR SURROUNDING FIRE.			
SPECIAL FIRE FIGHTING PROCEDURES FIREFIGHTERS MUST USE SELF-CONTAINED BREATHING APPARATUS. THE MATERIAL WILL NOT BURN.			
UNUSUAL FIRE AND EXPLOSION HAZARD NONE KNOWN.			
SECTION V - HEALTH HAZARD DATA			
PRIMARY ROUTES OR ENTRY <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Skin contact <input type="checkbox"/> Eye contact <input checked="" type="checkbox"/> Ingestion			
EFFECT OF OVEREXPOSURE IT MAY CAUSE EYE IRRITATION AND MAY CAUSE - FOR EXTREMELY SENSITIVE INDIVIDUALS - SKIN RASH AFTER EXTENDED EXPOSURE.			
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE NONE KNOWN.			
EMERGENCY AND FIRST AID PROCEDURES			

EYES: FLUSH WITH WATER.

SKIN: WASH CONTACT AREAS WITH SOAP AND WATER.

INHALATION: REMOVE FROM FURTHER EXPOSURE. IF UNCONSCIOUSNESS OCCURS, SEEK IMMEDIATE MEDICAL ASSISTANCE AND CALL A PHYSICIAN. IF BREATHING HAS STOPPED, USE MOUTH TO MOUTH RESUSCITATION.

INGESTION: NOT EXPECTED TO BE A PROBLEM. HOWEVER, IF GREATER THAN ½ LITER (PINT) INGESTED, IMMEDIATELY GIVE 1 TO 2 GLASSES OF WATER AND CALL A PHYSICIAN, HOSPITAL EMERGENCY ROOM OR POISON CONTROL CENTER FOR ASSISTANCE. DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION VI - REACTIVITY

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	HEAT. HEAT PRODUCES DEHYDRATION.

INCOMPATIBILITY (MATERIALS TO AVOID)
ALUMINUM.

HAZARDOUS DECOMPOSITION PRODUCTS
PHOSPHORUS OXIDES.

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	NONE ESTABLISHED.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

ABSORB ON FIRE RETARDANT TREATED SAWDUST, DIATOMACEOUS EARTH, ETC. SHOVEL UP AND DISPOSE OF AT AN APPROPRIATE WASTE DISPOSAL FACILITY IN ACCORDANCE WITH CURRENT APPLICABLE LAWS AND REGULATIONS, AND PRODUCT CHARACTERISTICS AT TIME OF DISPOSAL.

WASTE DISPOSAL METHOD

DISPOSE OF WASTE AT AN APPROPRIATE WASTE DISPOSAL FACILITY IN ACCORDANCE WITH CURRENT APPLICABLE LAWS AND REGULATIONS, AND PRODUCT CHARACTERISTICS AT TIME OF DISPOSAL.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.

VENTILATION

NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.

PROTECTIVE GLOVES

NONE REQUIRED

EYE PROTECTION

SAFETY GLASSES

OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES

NO SPECIAL REQUIREMENTS. USE GOOD PERSONAL HYGIENE PRACTICES. WASH THOROUGHLY AFTER HANDLING.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE IN DRY AREA, MATERIAL IS VERY HYGROSCOPIC.

OTHER PRECAUTIONS

NONE

This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.

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