



## Super-Flux

### 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 <b>1-800-535-5053</b> 24 hours per day - 7 days a week		
<b>Date Prepared</b> 01/01/08		<b>Trade Name</b> <b>SUPER-FLUX</b>		
SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION				
HAZARDOUS COMPONENTS	CAS#	APPROX%	ACGIH-TLV	OSHA-PEL
HYDROBROMIC ACID	10035-10-6	15-18	10mg/cu m	10mg/cu m
MIXED AMINE HYDROHALIDE	N/A	10-12	NE	-----
*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				
		<u>HMS</u>	<u>NFPA</u>	<u>HAZARD RATING</u>
HEALTH		1	1	0 - MINIMAL
FLAMMABILITY		0	0	1- SLIGHT
REACTIVITY		0	0	2- MODERATE

PURPOSES.	PROTECTIVE EQUIPMENT	B	3- SERIOUS 4- SEVERE
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**SECTION III - PHYSICAL DATA**

APPEARANCE CREAMY PASTE	ODOR MILD CHEMICAL	BOILING POINT APPROX. 215Â° F
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SPECIFIC GRAVITY (H2O=1) GREATER THAN 1	VAPOR PRESSURE (mm Hg.) AS WATER	VOLATILE BY VOLUME (%) 20% APPROX.
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VAPOR DENSITY (AIR=1) AS WATER	EVAPORATION RATE (BUAC=1) N/A	SOLUBILITY IN WATER 100%
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**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT ( METHOD USED)	FLAMMABLE LIMITS	LEL	UEL
NOT FLAMMABLE	(PERCENT BY VOLUME)	N/A	N/A

**FIRE EXTINGUISHING MEDIA**  
N/A

**SPECIAL FIRE FIGHTING PROCEDURES**  
WEAR SELF-CONTAINED BREATHING APPARATUS IN CONFINED SPACE.

**UNUSUAL FIRE AND EXPLOSION HAZARD**  
NONE

**SECTION V - HEALTH HAZARD DATA**

PRIMARY ROUTES OR ENTRY \_\_\_\_\_ Inhalation  Skin contact  Eye contact \_\_\_\_\_ Ingestion \_\_\_\_\_

**EFFECT OF OVEREXPOSURE**  
EYE: IRRITANT. MAY CAUSE CORNEAL INJURY.

SKIN CONTACT: IRRITANT.

SKIN ABSORPTION: NO EVIDENCE OF ADVERSE EFFECTS.

INGESTION: MAY IRRITATE OR BURN DIGESTIVE TRACT.

INHALATION: FUMES WILL IRRITATE NASAL LINING.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**

NONE.

**EMERGENCY AND FIRST AID PROCEDURES**

EYES: FLUSH THOROUGHLY WITH WATER. GET MEDICAL ATTENTION.

SKIN: WASH THOROUGHLY WITH SOAP AND WATER.

INGESTION: GIVE MILK TO DRINK. GET MEDICAL ATTENTION.

INHALATION: REMOVE TO FRESH AIR.

**SECTION VI - REACTIVITY**

STABILITY	UNSTABLE		<b>CONDITIONS TO AVOID</b>
	STABLE	X	CONTACT WITH METALS.

**INCOMPATIBILITY (MATERIALS TO AVOID)**  
OXIDISERS.

**HAZARDOUS DECOMPOSITION PRODUCTS**  
ACIDIC/CORROSIVE FUMES.

HAZARDOUS POLYMERIZATION	MAY OCCUR		<b>CONDITIONS TO AVOID</b>
	WILL NOT OCCUR	X	CONTACT WITH METALS.

**SECTION VII - SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

SCRAPE UP FOR DISPOSAL. NEUTRALIZE RESIDUE WITH SODA ASH OR ALKALI AND FLUSH AWAY WITH PLENTY OF WATER.

**WASTE DISPOSAL METHOD**

USE APPROVED WASTE DISPOSAL ACCORDING TO LOCAL, STATE OR FEDERAL REGULATIONS. RESIDUE CORROSIVE.

<b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>	
<b>RESPIRATORY PROTECTION (Specify type)</b> NOT REQUIRED IN NORMAL USE.	
<b>VENTILATION</b> NOT REQUIRED IN NORMAL USE.	
<b>PROTECTIVE GLOVES</b> USE RUBBER/PVC GLOVES.	<b>EYE PROTECTION</b> WEAR GOGGLES.
<b>OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES</b> N/A	
<b>SECTION IX - SPECIAL PRECAUTIONS</b>	
<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING</b> STORE IN COOL, DRY PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE.	
<b>OTHER PRECAUTIONS</b>	
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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