

Material Safety Data Sheet **PHASE-1 Organic BufferACX**

Identity (Trade name as used on label)



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HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	D

CALL CHEMTREC 1-800-424-9300

June 1, 2010

For Chemical Emergency - Spill Leak Fire Exposure or Accident - Day or Night

Date Prepared

SECTION 1 - Material Identification and Information

COMPONENTS - Chemical Name & Common Names (Hazardous Components 1 % or greater)	OSHA PEL	ACGIH TLV	OTHER LIMITS STEL

SECTION 2 - Physical / Chemical Characteristics

Boiling Point	215° F.	Specific Gravity (H2O = 1)	1.04
Vapor Pressure (mm Hg and Temp.)	NOT DETERMINED	Melting Point	N/A
Vapor Density (Air = 1)	NOT DETERMINED	Evaporation Rate (H2O = 1)	1
Solubility in Water	COMPLETE	PH @ 20.0°C	1.75
Appearance and Odor	CLEAR LIQUID WITH NO ODOR		

SECTION 3 - Fire and Explosion Hazard Data

Flash Point and Method Used	N/A	Auto-Ignition Temperature	N/A	Flammability Limits in Air % by Volume	N/A	LEL	N/A	UEL	N/A
Extinguisher Media	USE WATER SPRAY TO KEEP FIRE EXPOSED CONTAINERS COOL								
Special Fire Fighting Procedures	NOT COMBUSTIBLE								
Unusual Fire and Explosion Hazards	ALTHOUGH THIS PRODUCT DOES NOT MEET THE PARAMETERS FOR FLAMMABILITY, IT CAN REACT WITH METALS TO FORM HYDROGEN, A FLAMMABLE GAS.								

SECTION 4 - Reactivity Hazard Data

STABILITY	Conditions To Avoid	CONTACT WITH ALKALINE MATERIALS, OXIDIZING AGENTS OR SODIUM SILICATE RESIDUES IN DUMP TANK
<input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable		
Incompatibility (Materials to Avoid)	ALKALINE MATERIALS, OXIDIZING AGENTS, SODIUM SILICATE	
Hazardous Decomposition Products	NONE KNOWN.	
Hazardous Polymerization	Conditions To Avoid	N/A
<input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur		

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SECTION 5 - Health Hazard Data

Primary Routes of Entry Inhalation Ingestion Carcinogen Listed In NTP OSHA Not Listed
 Skin Non hazardous IARC Monograph

Health Hazards
Acute CAUSES SEVERE EYE IRRITATION AND POSSIBLE INJURY TO RESPIRATORY PASSAGES.
Chronic NONE DETERMINED

Signs and Symptoms of Exposure EYES: IMMEDIATE STINGING OR BURNING; SKIN: BURNING SENSATION DELAYED AFTER CONTACT.

Medical Conditions Generally Aggravated by Exposure NOT DETERMINED

Emergency First Aid Procedures

Seek Medical Assistance for further treatment, observation and support when necessary.

Eye Contact: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MIN.,

LIFTING UPPER AND LOWER LIDS INTERMITTENTLY. SEE A PHYSICIAN.

Skin Contact: IMMEDIATELY REMOVE CONTAMINATED CLOTHING AND WASH SKIN WITH SOAP AND WATER.

IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION.

Inhalation: REMOVE TO FRESH AIR. IF BREATHING DISCOMFORT OCCURS CALL A PHYSICIAN.

Ingestion: RINSE MOUTH WITH WATER. DO NOT INDUCE VOMITING. SEE A PHYSICIAN IMMEDIATELY.

SECTION 6 - Control and Protective Measures

Respiratory Protection (Specify Type) NOT REQUIRED WITH PROPER VENTILATION

Protective Gloves NEOPRENE, NITRILE, ETC. Eye Protection FACE SHIELD RECOMMENDED

Ventilation To Be Used Local Exhaust Mechanical (General) Special
 Other (Specify)

Other Protective Clothing and Equipment ACID RESISTANT SYNTHETIC APRON.

Hygienic Work Practices COMMON SENSE WITH GOOD MANUFACTURING AND HOUSE KEEPING PRACTICES SHOULD BE USED AT ALL TIMES

SECTION 7 - Precautions for Safe Handling and Use / Leak & Spill Procedures

Steps to be Taken upon Material Spill ABSORB SPILLS WITH DRY SAND OR EARTH, THEN PLACE IN CHEMICAL WASTE CONTAINER FOR DISPOSAL.

NEUTRALIZE RESIDUE WITH BASE SUCH AS SODA ASH OR LIME. FLUSH RESIDUAL SPILL AREA WITH LARGE AMOUNTS OF WATER.

Waste Disposal Methods DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

Precautions to be Taken in Handling and Storage DO NOT ALLOW PRODUCT TO FREEZE. STORE INSIDE AT TEMPERATURES BETWEEN 40° AND 100° F.

Other Precautions and/or Special Hazards

SECTION 8 - Special Notice

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