

SAFETY DATA SHEET

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SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Dike and contain. Take up with an absorbent material and place in sealed/marked containers for disposal. Handle spill clean-up materials and rinsate as contaminated materials. Avoid direct contact and utilize appropriate personal protective equipment.

SECTION 7: HANDLING AND STORAGE

SAFE HANDLING PROCEDURES: Avoid direct contact and inhalation of vapors mists.

SAFE STORAGE: Keep containers closed when not in use. Store in cool, dry location.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Chemical Name:</u>	OSHA					ACGIH		
	<u>PEL</u>	<u>PEL/CEILING</u>	<u>PEL/STEL</u>	<u>SKIN</u>	<u>TWA</u>	<u>TLV/CEILING</u>	<u>TLV/STEL</u>	<u>SKIN</u>
1. Amine Blend	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E
2. Para-Nonyl Phenol	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E
3. Limestone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

N/A: Not Applicable N/E: Not Established -- Lime stone is in solution so dust exposures are not anticipated in this product.

ENGINEERING CONTROLS: Use ventilation as required to control vapor concentrations. Vapors/mists may be irritating to the respiratory tract.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses, chemical-resistant gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: >390 °F	VAPOR DENSITY: >1 (air=1)	% VOLATILE BY VOLUME: N/E
EVAPORATION RATE: <1 (ether = 1)	pH LEVEL: N/A	% VOLATILE BY WEIGHT: N/E
WEIGHT PER GALLON: 10.83	PRODUCT APPEARANCE: Black Paste	VOC CONTENT: 5 g/L
ODOR: Strong Amine	ODOR THRESHOLD: N/D	MELTING/FREEZING POINT: N/D
FLASH POINT: See Section 5	FLAMMABILITY: N/D	UEL/LEL: N/D
VAPOR PRESSURE: N/D	RELATIVE DENSITY: N/D	SOLUBILITY: N/D
PARTITION COEFFICIENT: N/D	AUTOIGNITION TEMPERATURE: N/D	DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D	<i>N/A: Not Applicable N/D: Not Determined N/E: Not Established</i>	

SECTION 10: STABILITY/REACTIVITY

STABILITY: Stable.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS AND MATERIALS TO AVOID: Oxidizing agents, strong acids, and organic bases. Reacts with a considerable release of heat.

HAZARDOUS DECOMPOSITION PRODUCTS: Nitrogen oxides, carbon monoxide, and incomplete combustion products.

SECTION 11: TOXICOLOGICAL INFORMATION

EYE CONTACT: Direct contact is severely irritating to the eyes, causing pain, redness, and swelling. Product is corrosive and may cause chemical burns. Product vapors may also be irritating.

SKIN CONTACT: Direct contact is severely irritating to the skin and may cause chemical burns. May cause skin sensitization. May be toxic or harmful if absorbed through the skin.

INHALATION: Mists/vapors may be severely irritating to the respiratory tract. Corrosive effects are possible.

INGESTION: Not expected to be an exposure route. If ingested, this product will cause severe irritation of the digestive tract with corrosive effects.

SIGNS AND SYMPTOMS: Symptoms of eye irritation include pain, tearing, blurred vision, burning, and redness. Symptoms of skin irritation include redness, pain, and swelling. Skin sensitization results in allergic dermatitis that may include rash, itching, hives, and swelling of extremities. Symptoms of respiratory irritation include coughing, shortness of breath, chest discomfort, and reduced lung function.

AGGRAVATED MEDICAL CONDITIONS: Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product.

OTHER HEALTH EFFECTS: Repeated exposures to high concentrations may cause injury to the liver, kidney, and respiratory system.

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SECTION 12: ECOLOGICAL INFORMATION		
ECOTOXICITY: N/E	DEGRADABILITY: N/E	BIOACCUMULATIVE POTENTIAL: N/E
SOIL MOBILITY: N/E	OTHER ADVERSE EFFECTS: N/E	<i>N/E: Not Established</i>
SECTION 13: WASTE DISPOSAL INFORMATION		
WASTE DISPOSAL INFORMATION: Unused product is not classified as a hazardous waste. Dispose by incineration or fuel blending.		
SECTION 14: TRANSPORTATION INFORMATION		
HAZARDOUS/NON-HAZARDOUS MATERIAL: Hazardous		
UN NUMBER: 2735	HAZARD CLASS: 8	PACKING GROUP: III
UN PROPER SHIPPING NAME: Amines liquid, Corrosive N.O.S. (Aminoethylpiperazine)		
ENVIRONMENTAL: None recognized.		
BULK TRANSPORTATION INFORMATION: Not applicable; product not supplied in bulk.		
SPECIAL PRECAUTIONS: Avoid direct contact.		
SECTION 15: REGULATORY INFORMATION		
OTHER REGULATORY CONSIDERATIONS: None recognized.		
SECTION 16: OTHER INFORMATION		
PREPARATION DATE:	4/5/2022	
PREPARED BY:	Dave Carey	

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of this product described herein.
