



# MATERIAL SAFETY DATA SHEET

## METALNOX® M6440

### 1. COMPANY NAME AND ADDRESS:

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**(24 HOUR) EMERGENCY PHONE:**  
**CHEMTREC**  
**800-424-9300**

Effective: September 7, 2006  
Supersedes: May 8, 2006

### 2. INGREDIENTS:

29CFR1910.1200:

<u>OSHA Hazardous Components</u>	<u>CAS Number</u>	<u>Approximate %</u>
Ethylenediaminetetraacetic acid tetrasodium salt	64-02-8	5-10%

See Section 8 for exposure limits (if applicable).

### 3. HAZARDS IDENTIFICATION:

#### EMERGENCY OVERVIEW

Clear straw colored liquid. May be mildly irritating to eyes and skin following prolonged exposure. Repeated ingestion may cause mouth sores and abdominal pain.

Eyes: Contact may cause irritation.  
Skin: Prolonged exposure to the skin may cause irritation, redness and pain.  
Inhalation: Vapors may be mildly irritating to lungs, nose and throat.  
Ingestion: May be harmful if ingested. Repeated ingestion may cause mouth sores and abdominal pain, nausea and vomiting.

### 4. FIRST AID:

Eyes: Immediately flush eyes with plenty of water for 15 minutes. If irritation develops, get medical attention.  
Skin: Remove contaminated clothing and shoes. Wash affected area with plenty of soap and water. Get medical attention. Wash contaminated items before reuse.  
Inhalation: Remove victim from area of exposure. If unconscious, give oxygen. Give artificial respiration if not breathing. Get medical help.  
Ingestion: If conscious, give person 1 to 2 glasses of water. Get medical help.

### 5. FIRE AND EXPLOSION HAZARD DATA:

Flash Point:	None to boiling
Flammability Limits in Air:	None established
Extinguisher Media:	Standard methods including dry chemical, carbon dioxide, foam and water fog.
Special Fire Fighting Procedures:	Water should be used to keep fire-exposed containers cool. Prevent runoff from fire control from entering streams, sewers or drinking water supply.
Combustion Products:	Oxides of carbon, ammonia, and nitrogen.
Other:	Do not add nitrates due to possible formation of nitrosoamines.

**6. ACCIDENTAL RELEASE MEASURES:**

Small Spill:	Use proper personal protective equipment. Dike area to contain spill. Pick up spill on absorbent, non-combustible material. Place into a chemical waste container. Don't flush into sewers or natural waterways. Wipe area with water to remove last traces.
Large Spill:	Contain material as described above. If necessary, call the local fire or police department for immediate emergency assistance.

**7. HANDLING AND STORAGE:**

Handling:	Do not drink, smoke or eat in handling area. Wear proper eye protection. Follow proper handling procedures.
Storage:	Keep container tightly closed. Store in cool ventilated area. Keep separate from strong acids, bases and oxidizers and away from heat, sparks and open flame.

**8. EXPOSURE CONTROLS/ PERSONAL PROTECTION:**

## Exposure Guidelines:

OSHA Hazardous Component		Exposure Limits	
		OSHA PEL, ppm	ACGIH TLV, mg/m3 (TWA)
Ethylenediaminetetraacetic acid tetrasodium salt		None established	None established
Respiratory Protection:	Not usually needed. In confined or enclosed spaces use NIOSH approved organic vapor air purifying respirator.		
Ventilation:	Use in well-ventilated area with local exhaust.		
Protective Gloves:	Impervious chemical, etc.		
Eye Protection:	Glasses, goggles or face shield, etc.		
Other Protective Equipment:	Eye fountain, safety shower.		
Work Hygiene Practices:	Do not eat, drink, or smoke when handling industrial materials.		

**9. PHYSICAL AND CHEMICAL PROPERTIES:**

Boiling Point	100°C	Specific Gravity	1.118 at 20°C
Vapor Pressure	Not determined	pH 100%	7.8-9.8
Vapor Density	Not determined	pH 10%	7.8-9.8
Volatile Organic Compound (VOC):		Appearance	Clear straw liquid
EPA Method 24:	14.8 g/L	Odor	Mild
Vapor Pressure, VOC Components:	8.27 mmHg at 20°C	Solubility in Water	Complete

**10. STABILITY AND REACTIVITY:**

Stability:	Stable
Hazardous Polymerization:	Will not occur
Incompatibility:	Strong acids, oxidizers
Hazardous Decomposition:	Oxides of carbon, ammonia, nitrogen
Other:	Do not add nitrates due to possible formation of nitrosoamines.

**11. TOXICOLOGICAL INFORMATION:**

Acute Toxicology:	No data is available on product as a whole.
Chronic Toxicology:	Not established on product as a whole.
Carcinogenicity:	Contains no known or suspected carcinogens.

**12. ECOLOGICAL INFORMATION:**

Environmental Fate and Effects:	
Ecotoxicity:	Not established.
Mobility:	Not established.
Persistence and Degradability:	Not established.
Bioaccumulative Potential:	Not established.

**13. DISPOSAL INFORMATION:**

Disposal of Material: Conditions of use may cause this material to become a hazardous waste as defined by state or federal law. Use approved treatment, transporters and disposal sites. USEPA guidelines for the classification determination are listed in 40 CFR Parts 261.3.

Empty Containers: Keep containers closed when not in use. Do not reuse empty containers.

**14. TRANSPORTATION:**

Not regulated.

Proper shipping name: US DOT: 49CFR172.101  
Compound, Cleaning liquid.  
Non-hazardous, Non-flammable

Hazard class or division: None

Identification No.: None

Packing Group: None

LABEL: None

Placard: None

**15. REGULATORY INFORMATION:**

OSHA 29CFR1910.1200: EDTA tetrasodium salt 64-02-8

States RIGHT-to-KNOW: None

TSCA Listed: Yes

SARA 302: None

SARA 311/312: Health: acute

SARA TITLE III, Section 313: None

California Proposition 65: None

CERCLA: Not reportable

Canada: D2B

RoHS Compliant: Yes

**6. OTHER INFORMATION:**

NFPA CODES:	HEALTH: 1	FIRE: 0	REACTIVITY: 0	
HMIS CODES:	HEALTH: 1	FIRE: 0	REACTIVITY: 0	PROTECTION:X

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