

**I.D.O.**

**MSDS Number**

BXTWC

**National Stock Number**

6850-00N060216

**Product Name**

I.D.O.

**Manufacturer**

EASTERN EQUIPMENT AND CHEMICAL CO

**Product Identification**

Product ID:I.D.O.  
MSDS Date:08/24/1994  
FSC:6850  
NIIN:00N060216  
MSDS Number: BXTWC

**Responsible Party**

EASTERN EQUIPMENT & CHEMICAL CO  
5417 FAIRFIELD RD  
COLUMBIA , SC 29203  
US

Emergency Phone: 803-754-0542

Info Phone: 803-754-0542

Cage: 0EKY4

**Contractor**

EASTERN EQUIPMENT & CHEMICAL CO  
COLUMBIA, SC 29203  
US  
803-754-0542  
Cage: 0EKY4

**Ingredients**

SULFURIC ACID (SARA 302/313) (CERCLA)  
CAS: 7664-93-9  
RTECS: WS5600000  
Fraction By Weight: 93%  
OSHA PEL1 MG/M3  
ACGIH TLV: 1 MG/M3/3 STEL  
EPA Report Quantity: 1000 LBS  
DOT Report Quantity: 1000 LBS

UREA, 2-THIO-; (THIOUREA) (SARA 313) (CERCLA)  
CAS: 62-56-6  
RTECS: YU2800000  
Fraction By Weight: 0.1%

OSHA PELN/K

ACGIH TLV: N/K

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:ACUTE/CHRONIC: SEVERITY OF INJURY  
DEPENDS LARGELY ON PRODUCT CONCENTRATION & DURATION OF EXPOSURE.  
IMMEDIATE ACTION IS NECESSARY TO LIMIT SEVERITY OF INJURY. CAN  
CAUSE MINOR IRRITATION TO SEVERE BURNS AND TISSUE DAMAGE TO  
EXPOSED AREAS OF BODY.  
Explanation of Carcinogenicity:SULFURIC ACID: IARC MONO ON EVAL OF  
CARCINOGENIC RISK OF CHEMS TO MAN, VOL 54, PG 41, 1992: GROUP 1.  
ANIMAL:PULM, REPRO.  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:EYE: FLUSH IMMED W/LGE AMTS OF WATER FOR AT LEAST 15 MINS,  
LIFTING EYELIDS OCCAS. GET MED ATTN IMMED. SKIN: REMOVE CONTAMD  
CLTHG & IMMED WASH SKIN THORO FOR A MIN OF 15 MINS W/LGE QTYS OF  
WATER(PERFER ABLY SAFETY SHOWER). GET MED ATTN IMMED. INGEST: IF  
CONSCIOUS, GIVE LGE QTYS OF WATER THEN SEVERAL GLASSES OF MILK. DO  
NOT INDUCE VOMITING. GET MED ATTN IMMED.

## Fire Fighting

Flash Point:NONE  
Extinguishing Media:AS REQUIRED BY SURROUNDING FIRE.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL  
PROTECTIVE EQUIPMENT.  
Unusual Fire/Explosion Hazard:COULD REACT WITH METALS TO GENERATE  
FLAMMABLE HYDROGEN GAS.

## Accidental Release

Spill Release Procedures:CONTAIN LARGE SPILLS & PUMP TO RECOVER. SMALL  
SPILLS CAN BE MOPPED UP. CONTAMD AREA SHOULD BE NEUTRALIZED.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE. KEEP  
CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.  
Other Precautions:FOR INDUSTRIAL USE ONLY.

## Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE  
FOR EXPOSURE OF CONCERN.  
Ventilation:USE ADEQUATE VENTILATION.  
Protective Gloves:RUBBER GLOVES.  
Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS(SUPDAT)  
Other Protective Equipment:EMERGENCY EYEWASH & DELUGE SHOWER MEETING  
ANSI DESIGN CRITERIA. AS NEC TO PVNT CONT, SPLASHING ON BODY.  
Work Hygienic Practices:HANDLE W/REASONABLE CARE. AVOID BRTHG VAPS. DO  
NOT EAT, DRINK/SMOKE IN WORK AREA. WASH HANDS PRIOR TO EATING,  
(SUPDAT)  
Supplemental Safety and Health  
EYE PROT: & FULL LENGTH FACESHIELD. HYGIENE PRAC: DRINKING OR USING  
RESTROOM.

## Chemical Properties

Boiling Pt:B.P. Text:535F,279C  
Spec Gravity:1.84(H\*2O=1)

Solubility in Water: COMPLETE  
Appearance and Odor: RED LIQUID W/ACID ODOR.

## Stability

Stability Indicator/Materials to Avoid: YES  
BASES, METALS, OXIDIZERS.  
Stability Condition to Avoid: EXTREME TEMPERATURES.  
Hazardous Decomposition Products:  $H_2$ ,  $CO_2$ , CO.

## Disposal

Waste Disposal Methods: DISPOSE OF WASTE IN ACCORDANCE W/LOCAL, STATE & FEDERAL ORDINANCES.

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