

OCTAGON PROCESS, INC. -- ETHYLENE GLYCOL, TECHNICAL - MIL-E-9500B -- 6810-00-006-4206
===== Product Identification =====

Product ID:ETHYLENE GLYCOL, TECHNICAL - MIL-E-9500B
MSDS Date:08/24/1989
FSC:6810
NIIN:00-006-4206
MSDS Number: BCVBV
=== Responsible Party ===
Company Name:OCTAGON PROCESS, INC.
Address:596 RIVER ROAD
City:EDGE WATER
State:NJ
ZIP:07020-1105
Country:US
Info Phone Num:201-945-9400

Emergency Phone Num:201-945-9400
Preparer's Name:IRIS CHARMS
CAGE:DO973
=== Contractor Identification ===
Company Name:OCTAGON PROCESS INC.
Address:596 RIVER ROAD
Box:City:EDGEWATER
State:NJ
ZIP:07020
Country:US
Phone:201-945-9400
CAGE:82925
Company Name:OCTAGON PROCESS, INC.
Address:596 RIVER ROAD
City:EDGEWATER
State:NJ
ZIP:07020-1105
Country:US
Phone:201-945-9400
CAGE:DO973

===== Composition/Information on Ingredients =====

Ingred Name:ETHYLENE GLYCOL (SARA III)
CAS:107-2

1-1

RTECS #:KW2975000

Fraction by Wt: 90-100%

OSHA PEL:C 50 PPM

ACGIH TLV:C 50 PPM,VAPOR; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:ETHYLENE OXIDE (SARA III)

CAS:75-21-8

RTECS #:KX2450000

Fraction by Wt: 0.0001%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1 PPM; SEE 1910.1047

ACGIH TLV:1 PPM, A2; 9192

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL RAT: 4.0G/KG

Routes of Entry: Inhalation:YES Skin:YES I

ngestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: INGESTION:ABDOMINAL DISCOMFORT

OR PAIN, NAUSEA, CENTRAL NERVOUS SYSTEM DEPRESSION. SEVERE KIDNEY AND LIVER DAMAGE FROM LARGE AMOUNTS; MAY BE FATAL.

INHALATION:IRRITATION OF THE NOSE AND THROAT. EYE:DISCOMFORT WITH TRANSIENT CONJUNCTIVITIS. CHRONIC:INHALATION OF MIST MAY PRODUCE SIGNS OF CNS DISTURBANCES.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS

LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:INGESTION: MAY CAUSE ABDOMINAL

DISCOMFORT,DIZZINESS, MALAISE, LUMBAR PAIN,NAUSEA, AND CENTRAL NERVOUS SYSTEM DEPRESSION. LARGE AMOUNT MAY BAE FATAL.MAY CAUSE CARDIAC FAILURE. INHALATION:MAY CAUSE IRRI TATION TO RESPIRATORY TRACT. SKIN/EYES:MAY CAUSE IRRITATION WITH PERSISTENT CONJUNCTIVITIS.

Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY WORSEN.

===== First Aid M

asures =====

First Aid:INHALATION: REMOVE TO FRESH AIR. CALL A PHYSICIAN IF DISCOMFORT PERSISTS. EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. CALL A PHYSICIAN. SKIN: WASH WITH PLENTY OF SOAP & WATER.REMO VE CONTAMINATED CLOTHING/SHOES. INGESTION: IF CONSCIOUS, GIVE 2 GLASSES OF WATER TO DRINK AND INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. CALL A PHYSICIAN IMMEDIATELY.

===== Fire Fighting Measures =====
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Flash Point:NOT PROVIDED

Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:AFTER WATER EVAPORATES, REMAINING MATERIAL WILL BURN.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR

APPRVD RESP & APPROPRIATE PROTECTIVE

CLOTHING. DIKE, REMOVE LIQ W/VACUUM TRUCK OR BY PUMPING INTO SALVAGE DRUMS. SOAK UP RESIDUES & SM SPILLS W/ABSORBENT SUCH AS CLAY & PUT INTO TIGHT CNTNR. FLUS H AWAY TRACES. KEEP OUT OF SEWERS & WATERWAYS.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL, DRY PLACE.

Other Precautions:PRACTICE GOOD PERSONAL HYGIENE

===== Exposure Controls/Personal Protection =====
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Respiratory Protection:NIOSH APPRVD RESP PROTECTION AS REQ TO PREVENT OVEREXPOSURE

Ventilation:PROVIDE MECHAN(GEN/LOCAL EXHAUST)VENT TO MAINTN