

OCTAGON PROCESS INC. -- MIL-C-10578D, AM. III, TY. II -- 6850-00-174-9672

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Product Identification
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Product ID:MIL-C-10578D, AM. III, TY. II

MSDS Date:12/01/1986

FSC:6850

NIIN:00-174-9672

MSDS Number: BDFSD

=== Responsible Party ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105

Country:US

Info Phone Num:201-945-9400

Emergency Phone Num:20

1-945-9400

CAGE:82925

=== 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

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Composition/Information on Ingredients
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Ingred Name:PHOSPHORIC ACID (SARA III)

CAS:7664-38-2

RTECS #:TB6300000

OSHA PEL:1 MG/M3/3 STEL

ACGIH TLV:1 MG/M3/3 STEL; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:2-ETHOXYETHANOL (EGEE) (SARA III)

CAS:110-80-5

RTECS #

:KK8050000
OSHA PEL:S,200 PPM
ACGIH TLV:S, 5 PPM; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF EYES,SKIN AND
RESPIRATORY TRACT;BURNING SENSATION TO
EYES,DIZZINESS,NAUSEA,HEADACHE,VOMITING. CHRONIC:DERMATITIS;TISSUE
DAMAGE.
Effects of Overexposure:SEE HEALTH HAZARDS DATA.
Medical Cond Aggravated by Expos
ure:PRE-EXISTING CONDITIONS MAY BE
WORSEN.

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===== First Aid Measures =====

First Aid:SKIN AND EYES:FLUSH WITH PLENTY OF WATER FOR ABOUT 15
MINUTES;CALL A PHYSICIAN IMMEDIATELY. INHALATION:REMOVE TO FRESH
AIR,CALL A PHYSICIAN IF NEEDED. INGESTION:IF CONSCIOUS GIVE LARGE
AMOUNT OF WATER ;CALL A PHYSICIAN IMMEDIATELY.

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===== Fire Fighting Measures =====

Flash Point:NONE
Extinguishing Media:NOT FLAMMABLE;USE SU
ITABLE MEDIA FOR SURROUNDING
FIRES.
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED
AREA.
Unusual Fire/Explosion Hazard:TOXIC VAPORS OF OXIDES OF PHOSPHORUS.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;CONTAIN FREE
LIQUID;USE SUITABLE INERT ABSORBENT MATERIAL,RECOVER FOR PROPER
DISPOSAL.
Neutralizing Agent:DIL ALKALI OR DILUTE WITH LARGE AMOUNT OF WATER.

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Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL,DRY AREA.KEEP AWAY FROM STRONG ALKALIES.KEEP CONTAINER CLOSED WHEN NOT IN USE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ACID VAPORS/MIST IF ABOVE TLV/PEL

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:RUBBER

Eye Protection:SAFETY GOGGLES/FACE SHIELD

Other Protective Equipment:APRON,EYE-WAS

H FOUNTAIN,SAFETY SHOWER

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE VAPORS/MIST.WASH THOROUGHLY AFTER EACH USE.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:C1

Boiling Pt:B.P. Text:212F/100C

Spec Gravity:1.31

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR,COLORLESS LIQUID,SLIGHTLY PUNGENT ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to

Avoid:YES

STRONG ALKALIES

Stability Condition to Avoid:EXTREME HEAT.

Hazardous Decomposition Products:TOXIC VAPORS OF PHOSPHORUS.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

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