

OCTAGON PROCESS, INC -- MIL-C-10578,CORROSION REMOVING & METAL COMP --
6850-00-174-9672

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Product Identification
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Product ID:MIL-C-10578,CORROSION REMOVING & METAL COMP

MSDS Date:03/27/1990

FSC:6850

NIIN:00-174-9672

MSDS Number: BDFSC

=== Responsible Party ===

Company Name:OCTAGON PROCESS, INC

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020

Country:US

Info Phone Num:201-945-9400

Emergency Phone Num:201-945-9400

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

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

CAS:7664-38-2

RTECS #:TB6300000

Fract

ion by Wt: 14%
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:DETERGENT (TRITON X-100,ETHOXYLATED PRIMARY OR SECONDARY
ALCOHOLS,OR STRAIGHT-CHAIN ALKYL PHENOLS)

Fraction by Wt: 2%

Ingred Name:2-BUTOXYETHANOL
CAS:111-76-2
RTECS #:KJ8575000
Fraction by Wt: 25%
Other REC Limits:NONE SPECIFIED
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM; 9293

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000

Ingred Name:DGSC-HMIS OBTAINED INGREDIENTS #
2, 3 & 4 FROM MIL-C-10578
TABLE II TYPE II
RTECS #:9999999ZZ

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHALATION- IRRITATION OF
RESPIRATORY TRACT. EYES- IRRITATION, BURNS. SKIN- IRRITATION,
BURNS. INGESTION- SEVERE ABDOMINAL DISTRESS, BURNS TO MOUTH AND
ESOPHAGUS. CHRONIC: KIDNEY DAMAGE.

Explanation of

Carcinogenicity:NONE

Effects of Overexposure:INHALATION: COUGHING, WHEEZING, SHORTNESS OF
BREATH, HEADACHE, NAUSEA, AND MALAISE. EYES: BURNS, PAIN, TEARING,
REDNESS. SKIN: RASH, REDNESS, BURNS. INGESTION: STOMACH PAIN,
NAUSEA, VOMITING, HEADACHE, BREATHING DIFFICULTIES.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH MILD SOAP AND
WATE

R; FOLLOW WITH A WATER RINSE CONTAINING 1% BICARBONATE OF SODA.
EYES: FLUSH WITH WATER AT LEAST 15 MIN. SEEK MEDICAL ATTENTION.
INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NEEDED. INGESTION:
GIVE SEVERAL GLASSES OF WATER TO CONSCIOUS VICTIM. DO NOT INDUCE
VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:166F,74C

Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL & WATER

Fir

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE GEAR. USE WATER SPRAY TO KEEP FIRE-EXPOSED
CONTAINERS COOL.

Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES OF PHOSPHOROUS OXIDES
WHEN HEATED TO DECOMPOSITION

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

Spill Release Procedures:CONTAIN SPILL. NEUTRALIZE. SCOOP SLURRY INTO
CLEAN, COMPATIBLE CONTAINER FOR DISPOSAL.

Neutralizing Agent:50/50 MIXTURE OF SODA ASH & SLAKED LIME.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE AWAY FROM
OXIDIZERS AND FLAMMABLES.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:WEAR SELF-CONTAINED BREATHING APPARATUS IF
NEEDED(PEL/TLV EXCEEDED).

Ventilation:EXPLOSION-PROOF FAN. USE ADEQUATE MECHANICAL VENTILATION.

Protective Gloves:RUBBER/NEOPRENE

Eye Protection

ion:GOGGLES/FACE SHIELD

Other Protective Equipment:RUBBER APRON, BOOTS AS NEEDED. EYE WASH
STATION & SAFETY SHOWER.

Work Hygienic Practices:AVOID DIRECT CONTACT. IN CASE OF CONTACT FLUSH
WITH SOAP & WATER IMMEDIATELY. REMOVE CONTAMINATED CLOTHING.

Supplemental Safety and Health

MSDS WAS DERIVED BY HMIS. UNABLE TO GET CORRECT MSDS FROM MANUFACTURER.
MSDS RECEIVED WAS FOR TYPE I NOT TYPE II AS REQUIRED (FORMULATION
IS DIFFERENT).

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

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HCC:C1

Boiling Pt:B.P. Text:214F,101C

Vapor Pres:0.028

Spec Gravity:1.11

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS LIQUID, SLIGHT ACIDIC ODOR

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

Stability Indicator/Materials to Avoid:YES

ALKALIES,OXIDIZERS,FLAMMABLES.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER. IGNITION SOURCES.

Hazardous Decomposition Products:TOXIC FUMES OF PHOSPHOROUS OXIDES.

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== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL,STATE & LOCAL REGULATIONS.

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