

OCTAGON PROCESS INC. -- 3005051,A-A-59290 -- 9150-00-243-1987

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Product Identification
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Product ID:3005051,A-A-59290

MSDS Date:06/14/1999

FSC:9150

NIIN:00-243-1987

MSDS Number: CJYNP

=== 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:201-417-1056

Resp. Party Other

MSDS Num.:CSS-14165

Preparer's Name:J. J. BURGARD

Chemtrec Ind/Phone:(800)424-9300

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

Contract Num:SP0450-00-W-7001

CAGE:82925

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

Box:City:EDGEWATER

State:NJ

ZIP:07020

Country:US

Phone:201-945-9400

Contract Num:SP0450-02-M-L049

CAGE:82925

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Composition/Information

on Ingredients =====

Ingred Name:ETHYLENE GLYCOL

CAS:107-21-1

RTECS #:KW2975000

= Wt:95.

Other REC Limits:ACGIH 50 PPM, MFR

OSHA PEL:50 PPM

ACGIH TLV:10 MG/M3

ACGIH STEL:C 100 MG/M3

Code:F

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

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

LD50 LC50 Mixture:NOT PROVIDED.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE AND CHRONIC - EY

ES: WILL CAUSE

IRRITATION AND CHEMICAL CONJUNCTIVITIS. SKIN: MAY CAUSE IRRITATION.
PROLONGED OR REPEATED CONTACT WILL CAUSE DRYNESS AND DERMATITIS.
INHALATION: MAY CAUSE CNS STIMULATION FOLLOWED BY CNS DEPRESSION,
DIZZINESS AND LIGHTHEADEDNESS. INGESTION: MAY CAUSE PAIN, NAUSEA
AND VOMITING. MAY CAUSE CHRONIC KIDNEY DAMAGE WHICH CAN BE FATAL.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES: WILL CAUSE IRRITATION AND CHEMICAL
CONJUNCTIVITIS. SKIN: MAY CAU

SE IRRITATION. PROLONGED OR REPEATED

CONTACT WILL CAUSE DRYNESS AND DERMATITIS. INHALATION: MAY CAUSE
CNS STIMULATION FOLLOWED BY CNS DEPRESSION, DIZZINESS AND
LIGHTHEADEDNESS. INGESTION: MAY CAUSE PAIN, NAUSEA AND VOMITING.
MAY CAUSE CHRONIC KIDNEY DAMAGE WHICH CAN BE FATAL.

Medical Cond Aggravated by Exposure:NO DATA AVAILABLE.

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

First Aid:EYES: FLOOD WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION
PERS

ISTS, GET IMMEDIATE MEDICAL ATTENTION. SKIN: WASH WITH MILD SOAP AND WATER. IF IRRITATION OCCURS AND PERSISTS, GET MEDICAL ATTENTION . INHALATION: MOVE VICITIM TO FRESH AIR. IF BREATHING HAS STOPPED, ADMINISTER ARTIFICIAL RESPIRATION (MOUTH-TO-MOUTH IS PREFERRED) - IF TRAINED, GET IMMEDIATE MEDICAL ATTENTION. INGESTION: INDUCE VOMI TING. ADMINISTER 4-8 OZ OF WATER TO DILUTE STOMACH CONTENTS, GET IMMEDIATE MEDICAL ATTENTION.

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===== Fire Fighting Measures
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Flash Point Method:COC
Flash Point:=111.1C, 232.F
Lower Limits:3.2
Upper Limits:N.D.
Extinguishing Media:WATER SPRAY/FOG, CARBON DIOXIDE, FOAM/,DRY CHEMICAL.
Fire Fighting Procedures:KEEP FIRE-EXPOSED CONTAINERS COOL WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:DIKE AND CONTAIN SPILL. ABSORB PRODUCT WITH INERT MATERIAL AND PLACE INTO PROPER CONTAINER FOR DISP OSAL. DO NOT ALLOW ANY MATERIAL TO ENTER DRAINS, SEWERS OR WATER WAYS. COMPLY WITH ALL SPILL NOTIFICA TION REGULATIONS. ALL RESPONSE ACTIVITIES MUST COMPLY WITH HAZWOPER (29CFR1910.120).
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL AREA AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINER TIGHTLY CLOSED. DO NOT CONTAMINATE PRODUCT WITH WATER.
Other Precautions:NONE

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

Respiratory Protection:IF WORKING IN CONFINED SPACE OR MISTING IS OCCURRING, USE NIOSH - APPROVED RESPIRATORY PROTECTION (29 CFR 1910.134).
Ventilation:LOCAL EXHAUST: YES. GENERAL MECHANICAL: FAN.
Protective Gloves:RUBBER.
Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES
Other Protective Equipment:LOCAL EMERGENCY SHOWER AND EYE WASH STATION.
Work Hygienic Practices:WASH HANDS AND FACE AFTER HANDLING THIS MATERIAL. LAUNDE

R CONTAMINATED CLOTHING BEFORE RESUE. ALL USERS
SHOULD CONSULT MSDS BEFORE HANDLING THIS MATERIAL.

Supplemental Safety and Health

NONE

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

HCC:V5

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=171.1C, 340.F

Vapor Pres:0.60

Vapor Density:2.1

Spec Gravity:1.12

pH:NOT PROVIDED.

Evaporation Rate & Reference: