

OCTAGON PROCESS INC. -- MIL-H-5559 A AM,2,3005051 -- 9150-00-243-1987

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Product Identification
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Product ID:MIL-H-5559 A AM,2,3005051

MSDS Date:02/09/1999

FSC:9150

NIIN:00-243-1987

MSDS Number: BRSSH

=== Responsible Party ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105

Country:US

Info Phone Num:201-313-1187/FAX -1057

Emergency Phone Num:

201-945-9400/201-417-1056

Resp. Party Other MSDS Num.:PRODUCT CODE: 3005051

Preparer's Name:J. J. BURGARD

Chemtec 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:SP0450-99-W-7001

CAGE:82925

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Composition/Information on Ingredients
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Ingred Name:ETHYLENE GLYCOL (SARA 313) (CERCLA)

CAS:107-21-1

RTECS #:KW2975000

= Wt:95.
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:C STEL39PPM,A4,VAP96
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, CNS,
KIDNEYS, RESPIRATORY & GI TRACTS. ACUTE- EYES:WILL CAUSE IRRITATION
AND CHEMICAL CONJUNCTIV
ITIS. SKIN:MAY CAUSE IRRITATION.
PROLONGED/REPEATED CONTACT WILL CAUSE DRYNESS AND DERMATITIS.
INHALE:MAY CAUSE CNS STIMULATION FOLLOWED BY CNS DEPRESSION,
DIZZINESS AND LIGHTHEDEDNESS. INGESTION::MAY CAUSE PAIN, NAUSEA AND
VOMITING. MAY CAUSE CHRONIC KIDNEY DAMAGE WHICH CAN B E FATAL.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:DRYNESS, DIZZINESS, LIGHTHEADEDNESS,
PAIN,NAUSEA AND VOMITING.
Medical Cond Aggravated by Exposure:NO DATA AVAILABLE.

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

First Aid:EYES-FLOOD WITH WATER FOR AT LEAST 15 MIN. IF IRRITATION
PERSISTS, GET IMMEDIATE MEDICAL ATTENTION. SKIN-WASH WITH MILD
SOAP AND WATER. IF IRRITATION OCCURS AND PERSISTS, GET MEDICAL
ATTENTION. INHALATION-MOVE VCITIM TO FRESH AIR. IF BREATHING HAS
STOPPED, ADMINISTER ARTIFICIAL RESPIRATION (MOUTH-TO-MOUTH IS
PREFERRED) - IF TRAINED, GET IMMEDIATE MEDICAL ATTENTION.
INGESTION-INDUCE VOMITING. ADMINISTER 4
-8 OZ OF WATER TO DILUTE
STOMACH CONTENTS, GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:COC
Flash Point:=111.C, 231.8F
Lower Limits:3.2
Extinguishing Media:WATER SPRAY/FOG, CARBON DIOXIDE, SAND, FOAM/DRY
CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS
COOL.
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 DISPOSAL. DO NOT ALLOW ANY MATERIAL TO ENTER DRAINS, SEWERS OR WATER WAYS. COMPLY WITH ALL SPILL NOTIFICATION REGULATIONS. ALL RESPONSE ACTIVITIES MUST COMPLY WITH HAZPOWER (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:WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING. KEEP OUT OF REACH OF CHILDREN. DO NOT INGEST. AVOID EYE AND SKIN CONTACT.

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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. LAUNDRER CONTAMINATED CLOTHING BEFORE RESUE. ALL USERS SHOULD CONSULT MSDS BEFORE HANDLING.

Supplemental Safety and Health

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

HCC:V5

NRC/State Lic Num:NOT RELEVANT

Boiling

Pt:=171.C, 339.8F

Vapor Pres:0.60

Vapor Density:2.1

Spec Gravity:1.12

Evaporation Rate & Reference: