

OCTAGON PROCESS INC. -- MIL-C-43616C AM 2 CLASS I AND IA;CLEAN COMP -- 6850-01-045-7929
===== Product Identification =====

Product ID:MIL-C-43616C AM 2 CLASS I AND IA;CLEAN COMP

MSDS Date:05/02/1990

FSC:6850

NIIN:01-045-7929

MSDS Number: BGHMC

=== 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:201-945-9400

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

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

Ingred Name:2-BUTOXYETHANOL

CAS:111-76-2

RTECS #:KJ8575000

Fraction by Wt: 5.0%

OSHA PEL:S, 50 PPM

ACGIH TLV:S, 25 PPM; 9293

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Ingred Name:UNIDENTIFIED COMPONE

NTS

Ingred Name:HEAVY AROMATIC NAPHTHA

CAS:64742-94-5

Other REC Limits:NONE SPECIFIED

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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:IRRITATING TO EYES,SKIN,MUCOUS
MEMBRANES AND RESPIRATORY TRACT. CHRONIC:DEFATING OF
SKIN,HEADACHE,DIZZINESS.

Explanation of Carcinogenicity:DATA PER MSDS

Effects of Overexposure:MAY CAU

SE IRRITATION OF EYES,SKIN,RESPIRATORY

OR G.I.TRACTS;MAY CAUSE HEADACHE,DIZZINESS,NAUSEA,VOMITING OR GI
TRACT DISTURBANCES POSSIBLE.BURNS OR REDNESS OF EYES/CRACKING OR
DRYNESS OF SKIN/BURNING SENSATION/TEARING

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS
OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR
RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Ai

d:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.

GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER
FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.

SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF
IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE
VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE
MEDICAL ATTENTION.

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

FI

ash Point Method:TCC

Flash Point:152F,67C

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

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.

Unusual Fire/Explosion Hazard:NONE NOTED BY MANUFACTURER.

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

Spill Release Procedures:USE PROTECTIVE EQUIPMENT.MFR SPECIFIED

NEUTRALIZE W DIL HCL,DIL H*2SO*4 OR SOD BISULFITE SOLUTION.FLUSH AREA W/LG AMTS OF WATER.DO NOT ALLOW TO GET INTO WATERWAYS OR LOCAL RESERVOIRS FOR DRINGING,WATE R.IF SPILL IS V.LG,SCOOP UP FOR DISPOSAL.

Neutralizing Agent:DIL.SULFURIC ACID.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAG

E.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBE

R

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER,WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

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

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HCC:V4

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

Spec Gravity:0.99

Solubility in Water:COMPLETE

Appearance and Odor:LIGHT AMBER LIQUID,MILD ODOR

Percent Volatiles by Volume:UNK

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

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:OPEN FLAMES,EXTREME HEAT,SPARKS,ARC WELDING OR OTHER HIGH ENERGY SOURCES.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND OTHER UNIDENTIFIED CO

MPONENTS.

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

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES.DISPOSAL MUST BE MADE
IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND
REGULATIONS.

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