

OCTAGON PROCESS INC. -- MIL-C-85704 B TYPE I,1001470 -- 6850-00-181-7594
===== Product Identification =====

Product ID:MIL-C-85704 B TYPE I,1001470
MSDS Date:09/16/1993
FSC:6850
NIIN:00-181-7594
MSDS Number: BXVBZ
=== Responsible Party ===
Company Name:OCTAGON PROCESS INC.
Address:596 RIVER ROAD
City:EDGEWATER
State:NJ
ZIP:07020
Country:US
Info Phone Num:201-313-1187
Emergency Phone Num:201-945-9
400/800-424-9300(CHEMTREC)
Preparer's Name:J. J. BURGARD
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:DIPROPYLENE GLYCOL METHYL ETHER
CAS:34590-94-8
RTECS #:JM1575000
Fraction by Wt: 8 - 12%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, 100 PPM
ACGIH TLV:S,100PPM/150 STEL;95

Ingr

ed Name:HEXYLENE GLYCOL
CAS:107-41-5
RTECS #:SA0810000
Fraction by Wt: 10 - 12%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 25 PPM
ACGIH TLV:C 25 PPM; 9495

Ingred Name:HEAVY AROMATIC NAPHTHA (SOLVENT NAPHTHA)/HIGH FLASH
AROMATIC NAPHTHA
CAS:64742-94-5
RTECS #:WF3100000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 AS OIL MIST
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:WATER, DISTILLED
CAS:7732-18-5
RTECS #:ZC0110000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT RELEVANT
ACGIH TLV:NOT
RELEVANT

Ingred Name:TRIETHANOLAMINE
CAS:102-71-6
RTECS #:KL9275000
Other REC Limits:NONE RECOMMENDED

Ingred Name:NONYLPHENOL
POLYETHOXATE/NONYLPHENOXYPOLY(ETHYLENEOXY)ETHANOL
CAS:9016-45-9
RTECS #:MD0900000
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, CNS,
RESP

IRATORY AND GASTROINTESTINAL TRACTS. ACUTE & CHRONIC- EYE:MAY CAUSE BURNING, STINGING, CONJUNCTIVITIS. SKIN:MAY CAUSE FLAKING, DRYING, DERMATITIS. INHALE:MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION, COMA.ORAL:MAY CAUSE NAUSEA, VOMITING, DIARRHEA & IRRITATION TO GASTROINTESTINAL TRACT

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, DEFATTING AND DERMATITIS, HEADACHE, DIZZINESS, POSSIBLE UNCONSCIOUSNESS, VOMITING, NAUSEA, DIARRHEA, BURNS

Medical Con

d Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS OR EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, RINSE MOUTH WITH WATER & DRINK 4-8 OZ. OF WATER. SEEK IMMEDIATE MEDICAL ATTENTION. IF SPONTANEOUS VOMITING OCCURS, MONITOR FOR BREATHING DIFFICULTY.

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

Flash Point Method:PMCC

Flash Point:185F,85C

Extinguishing Media:WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND REIGNITE.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF

CONTAINED BREATHING APPARATUS. COOL CONTAINER WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:CONTAINERS EXPOSED TO FIRE MAY RUPTURE.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN SPILL. RECOVER FREE LIQUID. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH, VERMICULITE. PREVENT LIQUID FROM ENTERING SEWERS OR WATERWAYS.

Neutralizing Ag

ent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN A COOL, WELL VENTILATED AREA AWAY FROM SOURCES OF IGNITION & INCOMPATIBLE MATERIALS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. LAUNDRY BEFORE REUSE.

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

Respiratory Protection:IF WORKING IN CONFINED AREAS OR FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR AIR-PURIFYING RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:RUBBER OR NEOPRENE

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD BE LOCATED NEARBY. WEAR APPROPRIATE PROTECTIVE CLOTHING FOR RISK OF EXPOSURE.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATIONS, SEE PNI A AND B, SAME NSN.

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

HCC:V4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:350F,17

7C

Vapor Pres:1

Spec Gravity:0.95

Evaporation Rate & Reference: