

OCTAGON PROCESS INC. -- MIL-C-85570B AM. 1 TYPE 1 -- 6850-01-237-8003

===== Product Identification =====

Product ID:MIL-C-85570B AM. 1 TYPE 1

MSDS Date:09/25/1986

FSC:6850

NIIN:01-237-8003

MSDS Number: BGRDL

=== 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:OCTA

GON 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: 10.0%

Other REC Limits:150 PPM AS STEL,SKN

OSHA PEL:S,100PPM/150STEL

ACGIH TLV:S,100PPM/150STEL9192

Ingred Name:HEXYLENE GLYCOL

CAS:107-41-5

RTECS #:SA0810000

Fraction by Wt: 8.0%

OSHA PEL:C 25 PPM

ACGIH TLV:C 25 PPM

; 9192

Ingred Name:MORPHOLINE  
CAS:110-91-8  
RTECS #:QD6475000  
Fraction by Wt: 1.0%  
OSHA PEL:S,20 PPM/30 STEL  
ACGIH TLV:S, 20 PPM; 9192

===== 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: SKIN-PROLONGED OR REPEATED  
CONTACT MAY CAUSE IRRITATION. MAY BE ABSORBED AND RESULT IN TOXIC  
EFFECTS. EYES-DIRECT CONTACT MAY CAUSE IRRITATION. INHALATION- MAY  
IRRITATE THE RESPIRATORY TRACT AND CAUSE CNS EFFECTS. INGESTION-  
HAS LOW ORDER OF ORAL TOXICITY BUT MINUTE ASPIRATION MAY CAUSE LUNG  
INJURY OR DEATH.  
Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS  
LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.  
Effects of Overexposure:HIGH VAPOR CONCENTRATIONS ARE IRRITATING TO THE  
EYES AND RESPIRATORY TRACT, MAY CAUSE HEADACHES AND DIZZINESS,  
ANESTHETIC, AND MAY HAVE OTHER CENTRAL NERVOUS SYSTEM EFFECTS. EYE  
IRRITATION SEEN AS REDNESS, TEARING. INGESTION MAY CAUSE PAIN OR  
DISCOMFORT IN THE MOUTH, THROAT, AND STOMACH.  
Medical Condition Aggravated by Exposure:NO DATA AVAILABLE.

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

First Aid: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.

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

Flash Point:>212F,>100C  
Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER  
FOG.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE

. USE WATER

SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:CONTAINERS MAY BURST WHEN EXPOSED TO HEAT OF FIRE.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. VENTILATE THE AREA WELL. ABSORB ON SOLID ABSORBENT AND SHOVEL INTO CONTAINERS.  
Neutralizing Agent:NOT APPLICABLE.

===== 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 DAMAGE.

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. FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE AND DUST/MIST PRE-FILTER RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/ WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE. LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.

Protective Gloves:BUTYL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED TO PROTECT SKIN.

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 =====

HCC:N1

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

Spec Gravity:1.008

Solu

bility in Water:COMPLETE  
Appearance and Odor:PALE YELLOW LIQUID,MILD ODOR.

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES  
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE UPON  
THERMAL DECOMPOSITION

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

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

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume  
responsibility for the suitability of this information to their  
particular situation.