

OCTAGON PROCESS INC. -- MIL-A-8243D TYPE II;ANTI ICING FLUID -- 6850-01-039-3842
===== Product Identification =====

Product ID:MIL-A-8243D TYPE II;ANTI ICING FLUID

MSDS Date:08/27/1996

FSC:6850

NIIN:01-039-3842

MSDS Number: CFYNP

=== 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

Emergenc

y Phone Num:201-945-9400/800-424-9300(CHEMTREC)

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

Company Name:PRIORITY CHEMICAL CO

Address:200 MADISON AVE SUITE 1904

Box:City:NEW YORK

State:NY

ZIP:10016

Country:US

Phone:201-345-0991

CAGE:49859

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

Ingred Name:ETHYLENE GLYCOL (SARA 313) (CERCLA)

CAS:1

07-21-1
RTECS #:KW2975000
Fraction by Wt: 64 - 67%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:C STEL39PPM,A4,VAP96
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:OTHER COMPONENTS (TYPE NOT SPECIFIED)
Fraction by Wt: 33 - 36%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards
Acute and Chronic:ACUTE:MILDLY IRRITATING TO SKIN,LUNGS,EYES, GIDDINESS,HEADACHE,DIZZINESS AND NAUSEA.
CHRONIC:CNS DEPRESSION, UNCONSCIOUSNESS,KIDNEY,LIVER AND LUNGS DAMAGE;EYE IRRITATION.
Explanation of Carcinogenicity:ETHYLENE GLYCOL CAUSES BIRTH DEFECTS IN LABORATORY ANIMAL.
Effects of Overexposure:MAY CAUSE DIZZINESS, MALAISE, LUMBAR PAIN, OLIGURIA, UREMIA, AND CENTRAL NERVOUS SYSTEM DEPRESSION. MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION.
Medical Conditions Aggravated by Exposure:PERSONS WITH A HISTORY OF KIDNEY OR LIVER DISORDERS MAYBE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. CALL A PHYSICIAN IF DISCOMFORT PERSISTS. EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. CALL A PHYSICIAN. SKIN: WASH WITH PLENTY OF SOAP & WATER. REMOVE CONTAMINATED CLOTHING/SHOES. INGESTION: IF UNCONSCIOUS, GIVE 2 GLASSES OF WATER TO DRINK AND INDUCE VOMITING.
GIVE NOTHING BY MOUTH IF UNCONSCIOUS. CALL A PHYSICIAN IMMEDIATELY.

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

Flash Point Method:COC
Flash Point:250F,121C
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
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.

Unusual Fire/Explosion Hazard:NONE NOTED;COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;USE SUITABLE ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER. WATER DILUTION RECOMMENDED.

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

Handling and Storage

Precautions:STORE IN COOL DRY AND WELL VENTILATED AREA. KEEP AWAY FROM HEAT AND OPEN FLAMES.KEEP CONTAINER CLOSED WHEN NOT IN USE.

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:IF EXPOSURE DOES EXCEED EXPOSURE LIMITS, USE A NIOSH-APPROVED RESPIRATOR.

Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.

Protective Gloves:NEOPRENE, NITRILE, PVC OR NATURAL 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.

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

Supplemental Safety and Health

DO NOT TAKE INTERNALLY.

DO NOT GET ON SKIN OR IN EYES. AVOID PROLONGED

OR REPEATED BREATHING OF VAPOR. DO NOT BREATHE MISTS. WASH

THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING OR SMOKING OR USING RESTROOM.

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

HCC:T6

Boiling Pt:B.P. Text:387F/197C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:.07

Vapor Density:2.14

Spec Gravity:1.102

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:COMPLETE

Appearance and Od

or: CLEAR, COLORLESS LIQUID, PRACTICALLY ODORLESS.

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS

Stability Condition to Avoid: EXTREMELY HIGH TEMPERATURES

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE AND OXIDES OF NITROGEN.

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

Waste Disposal Methods: CONSULT YOUR LOCAL ENVIRONMENTAL OFFICER. PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. KEEP OUT OF SURFACE WATER, SEWERS AND WATERWAYS.

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