

OCTAGON PROCESS,INC -- MIL-A-8243D TYPE II DEICING FLUID -- 6850-00-558-1248  
===== Product Identification =====

Product ID:MIL-A-8243D TYPE II DEICING FLUID

MSDS Date:12/10/1986

FSC:6850

NIIN:00-558-1248

MSDS Number: BFFJM

=== Responsible Party ===

Company Name:OCTAGON PROCESS,INC

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105

Info Phone Num:201-945-9400

Emergency Phone Num:201-945-

9400

CAGE:DO973

=== 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:OCTAGON PROCESS,INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105

Country:US

Phone:201-945-9400

CAGE:DO973

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

Ingred Name:ETHYLENE GLYCOL (SARA III)

CAS:107-21-1

RTECS #:KW2975000

Fraction by Wt: 66%

OSHA PEL:C 50 P

PM  
ACGIH TLV:C 50 PPM,VAPOR; 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:PROPYLENE GLYCOL DATA FROM HMIS OF 24OCT79  
CAS:57-55-6  
RTECS #:TY2000000  
Fraction by Wt: 22%  
OSHA PEL:NOT LISTED  
ACGIH TLV:NOT LISTED

Ingred Name:WATER DATA FROM HMIS OF 24OCT79  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 10%

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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:MILDLY IRRITATING TO  
SKIN,LUNGS.GIDDINESS,HEADACHE,DIZZINESS,NAUSEA.MODERATELY  
IRRITATING TO EYES. CHRONIC:CNS  
DEPRESSION,UNCONSCIOUSNESS,DEATH.KIDNEY DAMAGE.LIVER  
DAMAGE,JAUNDICE,PAIN IN UPPER ABDOMEN RIGHT SIDE.SEVERELY  
IRRITATING TO EYES.SEVERELY IRRITATING TO LUNGS.IRREVERSIBLE LUNG  
DAMAGE.HARMFUL IF SWALLOWD

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:PREGNANT WOMEN SHOULD NOT BE  
EXPOSED TO THIS  
PRODUCT. IT MAY CAUSE BIRTH DEFECTS.

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

First Aid:EYES:FLUSH WITH WATER FOR 15 MINUTES.SEE DOCTOR IF IRRITATION  
PERSISTS.SKIN:WASH WITH MILD SOAP & WATER.REMOVE CONTAMINATED  
CLOTHING.INHALATION:REMOVE TO FRESH AIR.GIVE CPR/OXYGEN IF  
NEEDED.SEE DOCTOR .INGESTION:GIVE 2 GLASSES OF WATER AND INDUCE  
VOMIT.NOTHING BY MOUTH IF UNCONSCIOUS.

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

Flash Po

int Method:COC

Flash Point:250F(121C)

Extinguishing Media:ALCOHOL FOAM, CARBON DIOXIDE, WATER, DRY CHEMICAL

Fire Fighting Procedures:WEAR SCBA.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE  
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:ABSORB ON PAPER OR SUITABLE MEDIA AND PLACE IN  
APPROPRIATE DISPOSAL CONTAINER.FLUSH AREA WITH WATER.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED  
PLACE.KEEP AWAY FROM FLAMES AND HIGH TEMPERATURES.

Other Precautions:KEEP CONTAINERS CLOSED WHEN NOT IN USE.DO NOT REUSE  
EMPTY CONTAINERS.

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

Respiratory Protection:NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR  
CARTRIDGE IF TLV IS EXCEEDED.

Ventilation:LOCAL EXHAUST.

Protective Gloves:CHEMICAL, RESISTANT(NITRILE, PVC, ETC).

Eye

Protection:GOGGLES OR FACE SHIELD

Other Protective Equipment:AS NEEDED TO PREVENT SPLASHING ON SKIN OR  
EYES.

Work Hygienic Practices:WASH CONTAMINATED CLOTHING BEFORE REUSE. WASH  
HANDS AND FACE AFTER USING.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED SKIN & EYE CONTACT OR BREATHING OF VAPORS.  
INTENTIONAL ABUSE, MISUSE OR OTHER MASSIVE EXPOSURE MAY CAUSE  
MULTIPLE ORGAN DAMAGE AND/OR DEATH.

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

HCC:N1

Boiling Pt:B.P. Text:387F

Vapor Pres:0.07

Vapor Density:2.14

Spec Gravity:1.102

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS LIQUID, ALMOST ODORLESS

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condition to Avoid:HEAT,SPARKS,OPEN FLAMES.

Hazardous Decomposition Products:CO,UNIDENTIFIED ORGANIC COMPOUNDS.

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

Waste

Disposal Methods:PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.KEEP OUT OF SURFACE WATER,SEWERS AND WATERWAYS.

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