

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

PPM  
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%

=====  
===== 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 THI  
S PRODUCT. IT MAY CAUSE BIRTH DEFECTS.

=====  
===== 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.

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

Flash P

oint 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 Sto  
rage =====

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).

Ey

e 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:N

1

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.

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.