

OCTAGON PROCESS INC. -- MIL-A-8243D,TYPE II;DEICING FLUID -- 6850-01-163-8829

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

MSDS Date:12/10/1986

FSC:6850

NIIN:01-163-8829

MSDS Number: BGPMT

=== 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 Phon

e Num:201-945-9400

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

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Composition/Information on Ingredients  
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Ingred Name:ETHYLENE GLYCOL (SARA III)

CAS:107-21-1

RTECS #:KW2975000

Fraction by Wt: 66.0%

OSHA PEL:C 50 PPM

ACGIH TLV:C 50 PPM,VAPOR; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:1,2-PROPYLENE GLYCOL

CAS:57-55-6

RTECS #

:TY2000000  
Fraction by Wt: 22.0%

Ingred Name:DIBASIC POTASSIUM PHOSPHATE  
Fraction by Wt: 1.1%

Ingred Name:SODIUM D1-(2-ETHYLHEXYL)SULFOSUCCINATE;% WT RANGE 0.45-0.55  
Fraction by Wt: 0.50%

Ingred Name:SODIUM SALT OF TOLYTRIAZOLE;% WT RANGE 0.50-0.60  
Fraction by Wt: 0.55%

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 10.0%

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and

Chronic:ACUTE:MILDLY IRRITATING TO

SKIN,EYES,AND LUNGS;GIDDINESS,HEADACHE,DIZZINESS AND NAUSEA.

CHRONIC:CNS DEPRESSION;KIDNEY,LIVER AND LUNGS DAMAGE.

Explanation of Carcinogenicity:ETHYLENE GLYCOL CAUSES BIRTH DEFECTS IN  
LABORATORY ANIMALS.

Effects of Overexposure:SEE HEALTH HAZARDS DATA.

Medical Cond Aggravated by Exposure:NO DATA AVAILABLE.

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

First Aid:EYES:FLUSH WITH WATER FOR AT LEAST 15 MINUTES.IF IRRITATION

PERSISTS,SEEK MEDICAL ATTENTION. SKIN:WASH WITH SOAP AND WATER.

INHALATION:REMOVE TO FRESH AIR,PROVIDE OXYGEN AND SEEK MEDICAL

ATTENTION. IN GESTION:DO NOT GIVE LIQUID,CALL A PHYSICIAN

IMMEDIATELY.

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

Flash Point Method:COC

Flash Point:250F/121C

Extinguishing Media:FOAM,CO\*2,WATER,DRY CHEMICAL.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED  
AREA.

Unusual Fire/Explosion Hazard:NONE NOTED.

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

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

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

Handling and Storage Precautions:STORE IN COOL,DRY AND WELL VENTILATED AREA.KEEP AWAY FROM HEAT AND OPEN FLAME.KEEP CONTAINERS CLOSED WHEN NOT IN USE.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS/MIST IF ABOVE TLV/PEL.

Ventilation:LOCAL EXHAUST/MECHANICAL TO KEEP TLV/PEL BELOW THE LIMITS.

Protective Gloves:CHEMICAL RESISTANT(NITRILE,PVC)

Eye Protection:CHEMICAL SAFETY GOGGLES/FACE SHIELD.

Other Protective Equipment:FULL SKIN AND EYES PROTECTION(EYE-WASH AND SAFETY SHOWER).

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DONOT BREATHE VAPORS/MIST.WASH THOROUGHLY AFTER EACH US

E.DONOT USE CONTAMINATED CLOTHES

Supplemental Safety and Health

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

HCC:N1

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

Vapor Pres:0.07

Vapor Density:2.14

Spec Gravity:1.102

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR,COLORLESS LIQUID,PRACTICALLY ODORLESS.

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

Stability Indicator/Materials to Avoid:YES STRONG OXIDIZERS.

Stability Condition to Avoid:EXTREME HEAT.

H

azardous Decomposition Products:CO GAS AND UNIDENTIFIED ORGANIC  
COMPOUNDS MAY BE FORMED.

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

Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH  
LOCAL,STATE AND FEDERAL REGULATIONS.

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