

OCTAGON PROCESS INC. -- MIL-T-81533A; 1, 1, 1-TRICHLOROETHANE -- 6810-00-476-5613  
===== Product Identification =====

Product ID:MIL-T-81533A; 1, 1, 1-TRICHLOROETHANE

MSDS Date:02/27/1987

FSC:6810

NIIN:00-476-5613

MSDS Number: BGWYD

=== 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

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ncy Phone 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

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

Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS:71-55-6

RTECS #:KJ2975000

OSHA PEL:350 PPM/450 STEL

ACGIH TLV:350 PPM/450STEL;9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ozone Depleting Chemical:1

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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:IRRITATION OF EYES,SKIN AND  
RESPIRATORY TRACT:CNS EFFECTS,HEADACHE,LOSS OF CO-ORDINATION.  
CHRONIC;CARDIAC ARRHYTHMIA,CNS DEPRESSION,DERMATITIS,LUNG,KIDNEY  
AND LIVER DAMAGE.  
Effects of Overexposure:SEE HEALTH HAZARDS DATA.  
Medical Cond Aggravated by Exposure:RESPIRATOR  
Y  
AILMENTS,DERMATITS,CIRRHOSIS OF THE LIVER.

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

First Aid:INHALATION:REMOVE TO FRESH AIR.CPR,GET MEDICAL ATTENTION  
IMMEDIATELY. EYES:FLUSH WITH PLENTY OF WATER FOR ABOUT 15  
MINUTES,CALL A PHYSICIAN IF NEEDED;SLIN:WASH THOROUGHLY WITH WATER  
AND SOAP,USE CREAM AGAINST DERMATITIS. INGESTION:DO NOT INDUCE  
VOMITING;CALL A PHYSICIAN IMMEDIATELY.

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

Flash Point:NONE  
Lower Limits:7.0  
Upper Limits:15.0  
Extinguishing Media:CO+2,DRY CHEMICAL FOAM.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED  
AREA.  
Unusual Fire/Explosion Hazard:AVOID EXTREME HEAT;TOXIC VAPORS OF HCL OR  
PHOSGENE GAS.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION:REMOVE ALL  
IGNITION SOURCES.CONTAIN FREE LIQUID IF POSSIBLE.USE SUITABLE INERT  
ABSORBENT MATERIAL AN  
D RECOVERY FOR PROPER DISPOSAL.

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

Handling and Storage Precautions:STORE IN COOL AND DRY AREA.DO NOT  
BREATHE VAPORS/MIST;DO NOT USE CONTAMINATED CLOTHES;DO NOT  
EAT,DRINK AND SMOKE IN WORK AREA.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR  
ORGANIC,VAPORS/MIST IF ABOVE PEL/TLV.  
Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.  
Protectiv

e Gloves:NEOPRENE  
Eye Protection:CHEMICAL GOGGLES  
Other Protective Equipment:EYE-WASH,SAFETY SHOWER,APRON  
Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN; WORK IN GOOD  
VENTILATED AREA WHILE USING THIS PRODUCT.  
Supplemental Safety and Health

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

HCC:T4  
Boiling Pt:B.P. Text:165F/74C  
Vapor Pres:100  
Vapor Density:4.54  
Spec Gravity:1.3  
Evaporation Rate & Reference:0.35 (ETHYL-ETHER-1)  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:CLEAR,COLORLESS LIQUID,MILD CHLOROFORM-LIKE ODOR.  
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES  
CAUSTIC SODA,CAUSTIC POTASH OXIDIZING AGENTS.  
Stability Condition to Avoid:OPEN FLAMES,HOT GLOWING SURFACES,ELECTRIC  
ARCS.  
Hazardous Decomposition Products:HCL AND TRACES OF PHOSGENE

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

Waste Disposal Methods:INCINER  
ATION OR DISPOSAL MUST BE IN ACCORDANCE  
WITH LOCAL AND STATE AND.FEDERAL REGULATIONS.

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