

OCTAGON PROCESS INC. -- TRICHLOR,TRICHLOROETHYLENE -- 6810-00-184-4800
===== Product Identification =====

Product ID:TRICHLOR,TRICHLOROETHYLENE

MSDS Date:11/01/1985

FSC:6810

NIIN:00-184-4800

MSDS Number: BDGYC

=== 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 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:TRICHLOROETHYLENE (SARA III)

CAS:79-01-6

RTECS #:KX4550000

Fraction by Wt: >99%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM/100 STEL

ACGIH TLV:50 PPM/100,A5STEL;93

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

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= Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 4900-7000 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-EYE:IRRITATION &

PAIN.SKIN:PROLONGED/REPEATED CONTACT CAN CAUSE IRRITATION & DERMATITIS.INHALATION:CAUSES IRRITATION OF RESPIRATORY TRACT,CNS DEPRESSION,DIZZINESS,HEADACHE,UNCONSCIOUSNESS & POSSIBLE DEATH IN CONFINED AREA.INGESTION:

IRRITATION OF GI TRACT & EFFECTS SIMILAR TO

INHALATION.CHRONIC:LIVER/KIDNEY DAMAGE

Effects of Overexposure:SEE HEALTH HAZARDS SECTION.VOMITING AND SUBSEQUENT ASPIRATION INTO THE LUNGS MAY LEAD TO CHEMICAL PNEUMONIA AND PULMONARY EDEMA WHICH IS A POTENTIALLY FATAL CONDITION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:GET MEDICAL CARE IF NEEDED.EYE:FLUSH W/WATER 15 MIN, HOLD LI

DS OPEN.SKIN:WASH WITH SOAP & WATER.INHALED:REMOVE TO FRESH AIR.GIVE CPR/OXYGEN IF NEEDED.INGESTED:IF PATIENT IS CONSCIOUS,GIVE LARGE QUANTITIES OF WATER.DO NOT INDUCE VOMITING.

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

Flash Point:NONE

Lower Limits:8.0

Upper Limits:10.5

Extinguishing Media:WATER,CARBON DIOXIDE, OR DRY CHEMICAL.

Fire Fighting Procedures:NIOSH-APPROVED PRESSURE DEMAND SELF CONTAINED BREATHING APPARATUS FOR POSSIBLE EXPOSURE TO HYDROGEN CHLORIDE AND TRACES OF PHOSGENE.

Unusual Fire/Explosion Hazard:HCL & POSSIBLE TRACES OF PHOSGENE.VAPORS CONCENTRATED IN A CONFINED AREA CAN BE IGNITED. THIS CAN OCCUR AT CONCENTRATIONS RANGING BETWEEN 7.8-52% AT 100C.

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

Spill Release Procedures:VENTILATE AREA. WEAR APPROPRIATE RESPIRATORY PROTECTION AND PROTECTIVE CLOTHING. CONTAIN SPILLED MATERIAL.ABSORB ON SAWDUST/VERMICULITE.SWEEP INTO CLOSED CONTAINERS FOR

DISPOSAL.WET VACUUM THE AREA.DO NOT FLUSH TO SEWER.
Neutralizing Agent:NOT APPLICABLE.

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Handling and Storage
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Handling and Storage Precautions:STORE IN A COOL & WELL VENTILATED AREA.KEEP CONTAINER TIGHTLY CLOSED AWAY FROM STRONG OXIDANTS.
Other Precautions:VAPORS ARE HEAVIER THAN AIR & WILL COLLECT IN LOW AREAS.LIQUID OXYGEN MAY FORM EXPLOSIVE MIXTURE WITH TRICHLOROETHYLENE.DON'T USE CUTTING/WELDING TORCHES ON DRUMS CONTAINING T
HIS MATERIAL.AVOID CONTACT WITH EYES/SKIN.AVOID BREATHING VAPORS.

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Exposure Controls/Personal Protection
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Respiratory Protection:USE A HALF FACEPIECE ORGANIC VAPOR CHEMICAL CARTRIDGE OR CANISTER RESPIRATOR WHEN CONCEN. EXCEEDS THE PERMISSIBLE LIMITS.USE SELF-CONTAINED BREATHING APPARATUS OR FULL FACEPIECE RESPIRATOR WITH AUXILIARY SCBA OPERATED IN THE PRESSURE DEMAND

Ventilation:LOCAL EXHAUST AS NECESSARY TO MEET TWA LIMITS.

Protective Gloves:N

EOPRENE, NITRILE, PVC OR NATURAL RUBBER

Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING,BOOTS 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

NOTE TO PHYSICIAN:AVOID CONTAMINATION WITH CAUSTIC SODA, CAUSTIC POTASH OR OXIDIZING MATERIALS. SHOCK SENSITIVE COMPOUNDS MAY BE FORMED.

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Physical/Chemical Properties
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HCC:T4

Boiling Pt:B.P. Text:187F,86C

Melt/Freeze Pt:M.P/F.P Text:-86.4

Vapor Pres:57.8

Vapor Density:4.54

Spec Gravity:1.465

Evaporation Rate & Reference:0.28(ETHER=1)

Solubility in Water:0.11 %

Appearance and Odor:COLORLESS,CLEAR LIQUID;ETHER-LIKE ODOR

Percent Volatiles by Volume:100

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid

id: YES
OXIDIZING AGENTS, CAUSTIC SODA, CAUSTIC POTASH. SHOCK SENSITIVE COMPOUNDS
MAY BE FORMED.
Stability Condition to Avoid: OPEN FLAMES, HOT GLOWING SURFACES OR
ELECTRIC ARC
Hazardous Decomposition Products: HYDROGEN CHLORIDE AND POSSIBLE TRACES
OF PHOSGENE

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

Waste Disposal Methods: DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL
REGULATIONS. TAKE PRECAUTIONS AS NECESSARY TO PREVENT CONTAMINATION
OF GROUND AND SURFACE
WATERS.

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