

OCTAGON PROCESS INC. -- 1000485 0-T-620C INT AM 3 TYPE 1 -- 6810-00-292-9625
===== Product Identification =====

Product ID:1000485 0-T-620C INT AM 3 TYPE 1

MSDS Date:01/08/1992

FSC:6810

NIIN:00-292-9625

MSDS Number: BDVRV

=== 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

Preparer's Name:JJ BURGARD

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

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:350 PPM

ACGIH TLV:350 PPM/450STEL;9394

EPA Rp

t Qty:1000 LBS
DOT Rpt Qty:1000 LBS
Ozone Depleting Chemical:1

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 10300 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE; INHALATION MAY CAUSE CNS
EFFECTS AND RESPIRATORY TRACT IRRITATION, DYSPNEA, TACHYPNEA.
CONTACT MAY CAUSE SEVERE SKIN AND EYE IRRITATION, SKIN BURNS.
SWALL
OWING MAY CAUSE GI TRACT IRRITATION. CHRONIC:
PROLONGED/REPEATED EXPOSURE MAY CAUSE CHEMICAL CONJUNCTIVITIS.
Explanation of Carcinogenicity:IARC LISTS 1,1,1-TRICHLOROETHANE AS NOT
BEING CLASSIFIABLE AS TO ITS CARCINOGENICITY (CLASS 3).
Effects of Overexposure:INHALED: HEADACHE, LIGHTHEADEDNESS, DIZZINESS,
CONFUSION, NAUSEA, VOMITING, SHORTNESS OF BREATH, DEMENTIA. EYES:
REDNESS, BURNING SENSATION, STINGING, TEARING, PAIN. SKIN: PAIN,
ITCHING, BURNING SENSATION, REDNESS. SWA
LLOWED: NAUSEA, VOMITING,
DIARRHEA, STOMACH PAIN.
Medical Cond Aggravated by Exposure:PRE-EXISTING RESPIRATORY CONDITIONS
MAY BE AGGRAVATED.

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

First Aid:EYES: FLOOD WITH WATER FOR AT LEAST 15 MINUTES. GET IMMEDIATE
MEDICAL ATTENTION. SKIN: FLUSH AFFECTED AREA WITH WATER FOR 15
MINUTES. SEE DOCTOR IF IRRITATION PERSISTS. INHALED: REMOVE TO
FRESH AIR. GIVE OXYGEN IF BREATHING DIFFICULT; ARTIFICIAL
RESPIRA
TION IF STOPPED. GET MEDICAL ATTENTION. SWALLOWED: DO NOT
INDUCE VOMITING! IF CONSCIOUS, GIVE LOTS OF WATER. GET IMMEDIATE
MEDICAL ATTENTION.

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

Flash Point:NONE
Autoignition Temp:Autoignition Temp Text:932F
Extinguishing Media:WATER SPRAY OR FOG, FOAM, DRY CHEMICAL, OR CARBON
DIOXIDE
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS IN
CONFINED OR POORLY VENTILATED AREAS. KEEP FIRE EXPOSED CONTAIN

ERS

COOL WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:VAPORS CONCENTRATED IN CONFINED OR POORLY VENTILATED AREAS CAN BE IGNITED UPON CONTACT WITH OPEN IGNITION SOURCES. INCOMPLETE COMBUSTION YIELDS TOXIC GASES.

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

Spill Release Procedures:EVACUATE UNPROTECTED PERSONNEL. THOROUGHLY VENTILATE AREA. DIKE AND CONTAIN SPILL. DO NOT ALLOW TO ENTER DRAINS, SEWERS OR WATERWAYS. ABSORB SPILL WITH INERT MATERIAL AND PLACE IN A CLEAN, LABELLED CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:USE ONLY IN WELL-VENTILATED AREAS. STORE IN A COOL, DRY PLACE AWAY FROM STRONG OXIDIZING AGENTS. STORE ONLY IN LABELLED/MARKED CONTAINERS.

Other Precautions:ISOLATE FROM OPEN IGNITION SOURCES. DO NOT EAT, SMOKE OR DRINK IN AREA OF USE. AVOID PROLONGED/REPEATED SKIN CONTACT

; BREATHING OF VAPORS. KEEP CONTAINERS CLOSED WHEN NOT IN USE. DISCARD CONTAMINATED LEATHER GOODS.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134.

Ventilation:USE LOCAL EXHAUST OR EXPLOSION-PROOF DILUTION VENTILATION AS APPROPRIATE TO MAINTAIN EXPOSURE BELOW PEL/TLV.

Protective Gloves:NITRILE, PVA

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:RUBBER APRON IF SPLASHING LIKELY. EYE WASH STATION AVAILABLE.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

ALL RESPONSE ACTIVITIES MUST COMPLY WITH HAZWOPER (29 CFR 1910.120).

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

HCC:T4

Boiling Pt:B.P. Text:176F,80C

Vapor Pres:135 MM HG

Vapor Density:4.54

Spec Gravity:1.31 (WATER=1)

Evaporation Rate & Reference:0.35 (ETHYL ETHER=1)

Solubility in Water:NEGLIGIBLE

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

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, SODIUM HYDROXIDE, POTASSIUM HYDROXIDE.

Stability Condition to Avoid:AVOID STRONG O

XIDIZING AGENTS, HIGH HEAT

AND OPEN IGNITION SOURCES.

Hazardous Decomposition Products:HYDROGEN CHLORIDE AND POSSIBLE TRACES OF PHOSGENE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. EPA WASTE NUMBER D226 MAY APPLY.

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