

CHEMTRONICS INC -- CX & G AGENT SIMULANT VIAL -- 6910-01-043-2090
===== Product Identification =====

Product ID: CX & G AGENT SIMULANT VIAL

MSDS Date: 04/01/1986

FSC: 6910

NIIN: 01-043-2090

Kit Part: Y

MSDS Number: BPFHP

=== Responsible Party ===

Company Name: CHEMTRONICS INC

Address: 180 OLD BEE TREE RD

City: SWANNANOVA

State: NC

ZIP: 28778-3409

Country: US

Info Phone Num: 704-298-7941

Emergency Phone Num: 70

4-298-7941

CAGE: 60737

=== Contractor Identification ===

Company Name: CHEMTRONICS INC

Address: 180 OLD BEE TREE RD

Box: City: SWANNANOVA

State: NC

ZIP: 28778-3409

Country: US

Phone: NOT LISTED IN PHONE DIRECTORY

CAGE: 60737

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

Ingred Name: BENZENESULFONYL CHLORIDE (SARA III)

CAS: 98-09-9

RTECS #: DB8750000

Other REC Limits: NOT KNOWN

OSHA PEL: NOT KNOWN

ACGIH TLV: NOT KNOWN

EPA Rpt Qty: 100 LBS

DOT Rpt Qty: 100 LBS

Ingred Name: BENZOYL CHLORIDE

(SARA III)
CAS:98-88-4
RTECS #:DM6600000
Other REC Limits:NOT KNOWN
OSHA PEL:NOT KNOWN
ACGIH TLV:NOT KNOWN
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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Hazards Identification
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LD50 LC50 Mixture:LD50 RAT ORAL 1140 MG/KG.LC50 32 PPM.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION OF VAPORS IS HARMFUL.
Explanation of Carcinogenicity:NONE
Effects of O
verexposure:EYES:HIGHLY IRRITATING. SKIN:CORROSIVE.
Medical Cond Aggravated by Exposure:NOT KNOWN

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First Aid Measures
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First Aid:EYES:FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15
MINUTES. SKIN:FLUSH WITH WATER FOR 15 MINUTES. INGESTION:DO NOT
INDUCE VOMITING. INHALATION:MOVE TO FRESH AIR. ADMINISTER
ARTIFICIAL RESPIRATION OR OXYGEN AS NEEDED.

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Fire Fighting Measures
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Flash Point:>160
F,>71C
Lower Limits:NOT KNOWN
Upper Limits:NOT KNOWN
Extinguishing Media:USE CARBON DIOXIDE OR DRY CHEMICAL.DO NOT USE
WATER.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS (SCBA)
AND PROTECTIVE CLOTHING AND GLOVES TO PREVENT EYE AND SKIN CONTACT.
Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES OF HYDROGEN CHLORIDE
AND PHOSGENE.

=====
Accidental Release Measures
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Spill Release Procedures:PROVIDE ADEQUATE VENTILATION.CLEAN-UP
PE

PERSONNEL NEED PROTECTIVE EQUIPMENT.ABSORB WITH VERMICULITE OR
NEUTRALIZE WITH SODA ASH OR LIME.VENT DISPOSAL CONTAINER.
Neutralizing Agent:SODA ASH OR LIME.

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

Handling and Storage Precautions:90-DAY SHELF LIFE IN ORIGINAL
CONTAINER.AFTERWARD TRANSFER TO GLASS.PROTECT CONTAINERS FROM
PHYSICAL DAMAGE.

Other Precautions:CONTACT WITH WATER PRODUCES EXOTHERMIC REACTION
PRODUCING HYDROGEN CHLORIDE GAS.AVOID SKIN AND EYE
CONTACT.DO NOT
INHALE VAPORS.

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

Respiratory Protection:WEAR OSHA/MSHA ORGANIC RESPIRATOR OR SCBA.
Ventilation:CONTACT LOCAL SAFETY/INDUSTRIAL HYGIENE OFFICE TO DETERMINE
IF LOCAL EXHAUST VENTILATION IS NEEDED .
Protective Gloves:WEAR CHEMICAL-RESISTANT RUBBER GLOVES.
Eye Protection:WEAR SPLASH-PROOF GOGGLES.
Other Protective Equipment:NOT KNOWN
Work Hygienic Practices:NOT KNOWN
Supplemental Safety and Health
NONE KNOWN

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

HCC:F6
Boiling Pt:B.P. Text:>392F,>200C
Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN
Decomp Temp:Decomp Text:NOT KNOWN
Vapor Pres:NOT KNOWN
Vapor Density:>1 (AIR=1)
Spec Gravity:1.23 (WATER=1)
Evaporation Rate & Reference:NOT KNOWN
Solubility in Water:DECOMPOSES
Appearance and Odor:COLORLESS,FUMING LIQUID.
Percent Volatiles by Volume:100

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

Stability Indicator/Ma

terials to Avoid: YES

WATER, ALCOHOLS, OXIDIZERS, STRONG BASES.

Stability Condition to Avoid: MOISTURE

Hazardous Decomposition Products: HYDROGEN CHLORIDE AND PHOSGENE.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

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

Waste Disposal Methods: DISP MUST BE IAW FED, STATE, & LOC REGS. COORDINATE W/ SUPPORTING INSTALLATION/MACOM ENVIRON OFFICE PRIOR TO DISP. DO NOT DISCHARGE TO SEWER. BURY IN APPROVED LANDFILL OR INCINERATE IN

EQUIPMENT WITH AFTER BURNER AND SCRUBBER.

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