

SUPELCO INC -- PURGEABLE HALOCARBON KIT 601-S, CHLOROETHAN -- 6630-01-315-5335
===== Product Identification =====

Product ID: PURGEABLE HALOCARBON KIT 601-S, CHLOROETHAN

MSDS Date: 05/27/1992

FSC: 6630

NIIN: 01-315-5335

Kit Part: Y

MSDS Number: BQMLV

=== Responsible Party ===

Company Name: SUPELCO INC

Address: SUPELCO PARK

City: BELLEFONTE

State: PA

ZIP: 16823-0048

Country: US

Info Phone Num: 814-359-3441

Em

ergency Phone Num: 814-359-3441

CAGE: 54968

=== Contractor Identification ===

Company Name: SIGMA-ALDRICH INC.

Address: 3050 SPRUCE STREET

Box: 14508

City: ST. LOUIS

State: MO

ZIP: 63103

Country: US

Phone: 314-771-5765/414-273-3850X5996

CAGE: 54968

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

Ingred Name: ETHYL CHLORIDE (SARA III)

CAS: 75-00-3

RTECS #: KH7525000

Fraction by Wt: 0.02%

Other REC Limits: NONE SPECIFIED

OSHA PEL: 1000 PPM

ACGIH TLV: 1000 PPM; 9293

EPA Rpt Qty: 100 LBS

DOT R

pt Qty:100 LBS

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA III)

CAS:67-56-1

RTECS #:PC1400000

Fraction by Wt: 99.98%

Other REC Limits:NONE SPECIFIED

OSHA PEL:S,200PPM/250STEL

ACGIH TLV:S,200PPM/250STEL; 93

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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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:HARMFUL IF INHALED. MAY BE FATAL IF

SWALLOWED. MAY CAUSE BLINDNESS. MAY CAUSE IRRITATION OF EYES AND SKIN.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:HEADACHE, NAUSEA, GASTROINTESTINAL DISTURBANCES AND BLINDNESS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES:FLUSH WITH WATER F

OR 15 MINUTES. SEE PHYSICIAN.

SKIN:WASH WITH SOAP AND WATER. INHALATION:REMOVE TO FRESH AIR. IF BREATHING STOPS, GIVE CPR. CONTACT PHYSICIAN. INGESTION:GIVE 2 TABLESPOONS OF BAK ING SODA IN A GLASS OF WATER. PRESS FINGER TO BACK OF TONGUE TO INDUCE VOMITING. IMMEDIATELY CONTACT PHYSICIAN. DO NOT GIVE ANYTHING IF UNCONSCIOUS.

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

Flash Point:50.0F,10.0C

Autoignition Temp:Autoignition Temp Text:UNKNON

Lower Limi

ts:6.0
Upper Limits:36.5
Extinguishing Media:CARBON DIOXIDE, ALCOHOL FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS WHEN FIGHTING A CHEMICAL FIRE.
Unusual Fire/Explosion Hazard:NOT APPLICABLE.

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

Spill Release Procedures:TAKE UP WITH ABSORBENT MATERIAL. VENTILATE AREA. ELIMINATE IGNITION SOURCES.

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

Handling and Storage Precautions:STORE IN A SEALED CONTAINER IN COOL, DRY, WELL VENTILATED AREA. KEEP AWAY FROM IGNITION SOURCES. KEEP AWAY FROM OXIDIZERS.
Other Precautions:AVOID EYE OR SKIN CONTACT. AVOID BREATHING VAPORS.

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

Respiratory Protection:WEAR FACE MASK WITH ORGANIC VAPOR CANISTER.
Ventilation:USE ONLY IN WELL VENTILATED AREA.
Protective Gloves:WEAR RUBBER GLOVES.
Eye Protection:WEAR PROTECTIVE GLASSES.
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING.
Supplemental Safety and Health KIT (CATALOGUE #48769) HAS 31 AMPOULES: 28 AMPOULES CONTAIN SINGLE CHEMICAL IN METHANOL (SUCH AS PART B,C,D,E,...), AND THREE AMPOULES CONTAIN MIXTURE OF CHEMICALS IN METHANOL(SUCH AS PART A OF THIS KIT, SAME NSN).

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

HCC:F2
Boiling Pt:=65.C, 149.F
B.P. Text:149F,65C
Melt/Freeze Pt:=-97.8C, -144.F
M.P/F.P Text

: -144F, -98C
Vapor Pres: 100
Vapor Density: 1.10
Spec Gravity: 0.790
Evaporation Rate & Reference: >1 (ETHER=1)
Solubility in Water: COMPLETE
Appearance and Odor: COLORLESS LIQUID.
Percent Volatiles by Volume: 100%

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

Stability Indicator/Materials to Avoid: YES
OXIDIZING AGENTS, CHROMIC ANHYDRIDE, LEAD PERCHLORATE, PERCHLORIC ACIDS.
Hazardous Decomposition Products: TOXIC HYDROGEN CHLORIDE, CHLORINE GAS, OXIDES OF CARBON.

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

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

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