

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

Product ID: PURGEABLE HALOCARBON KIT 601-S, VINYL CHLOR

MSDS Date: 05/27/1992

FSC: 6630

NIIN: 01-315-5335

Kit Part: Y

MSDS Number: BQMLX

=== 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: VINYL CHLORIDE (SARA III)

CAS: 75-01-4

RTECS #: KU9625000

Fraction by Wt: 0.02%

Other REC Limits: NONE SPECIFIED

OSHA PEL: SEE 1910.1017

ACGIH TLV: 5 PPM, A1; 9293

EPA Rpt Qty: 1 LB

DO

T Rpt Qty:1 LB

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:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:HARMFUL IF INHALED. MAY BE FATAL

IF

SWALLOWED. MAY CAUSE BLINDNESS. MAY CAUSE IRRITATION OF EYES AND SKIN. CONTAINS VERY LOW AMOUNTS (0.02%) OF CANCER CAUSING AGENT.

Explanation of Carcinogenicity:CONTAINS V C [75-01-4] WHICH

IS LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.

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 =====

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First Aid:EYES:FLUSH WITH WATER FOR 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 Limits: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:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

===== 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, PERCHLO

RIC  
ACIDS.

Hazardous Decomposition Products: TOXIC HYDROGEN CHLORIDE, CHLORINE GAS,  
OXIDES OF CARBON.

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

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

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