

SPRAYON PRODUCTS -- 1,1,1-TRICHLOROETHANE TECH 111 AEROSOL -- 6810-00-930-6311  
===== Product Identification =====

Product ID:1,1,1-TRICHLOROETHANE TECH 111 AEROSOL

MSDS Date:09/25/1990

FSC:6810

NIIN:00-930-6311

MSDS Number: BKBFB

=== Responsible Party ===

Company Name:SPRAYON PRODUCTS

Address:26300 FARGO AVE

City:BEDFORD HEIGHTS

State:OH

ZIP:44146-1310

Country:US

Info Phone Num:216-292-7400

Emerg

ency Phone Num:216-292-7400

CAGE:5E481

=== Contractor Identification ===

Company Name:SPRAYON PRODUCTS

Address:26300 FARGO AVE

Box:City:BEDFORD HEIGHTS

State:OH

ZIP:44146-1310

Country:US

Phone:216-292-7400

CAGE:5E481

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

Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS:71-55-6

RTECS #:KJ2975000

Fraction by Wt: 80%

Other REC Limits:\*LEL:7.5

OSHA PEL:350 PPM/450 STEL

ACGIH TLV:350 PPM/450STEL;9192

EPA Rpt Qty:10

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

Ingred Name:ISOBUTANE  
CAS:75-28-5  
RTECS #:TZ4300000  
Fraction by Wt: 10%  
Other REC Limits:\*LEL:1.8  
OSHA PEL:1000 PPV  
ACGIH TLV:1000PPM/1800.00MG/M3

Ingred Name:PROPANE  
CAS:74-98-6  
RTECS #:TX2275000  
Fraction by Wt: 10%  
Other REC Limits:\*LEL:2.3  
OSHA PEL:1000 PPM  
ACGIH TLV:ASPHYXIAN; 9192

=====  
===== 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:REPORTS HAVE ASSOCIATED REPEATED AND  
PROLONGED OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS  
SYSTEM DAMAGE, ALSO KIDNEY AND LIVER DAMAGE.  
Explanation of Carcinogenicity:THIS PRODUCT IS NOT CONSIDERED TO BE A  
CARCINOGEN BY THE NTP, IARC, OSHA OR NIOSH.  
Effects of Overexposure:IN A CONFINED AREA VAPORS IN HIGH  
CONCENTRATIONS ARE ANESTHETIC. IRRITANT TO SKIN AND UPPER  
RESPIRATORY SYSTEM. OVEREXPOSURE MAY RESU  
LT IN LIGHT-HEADEDNESS,  
STAGGERING GAIT, GIDDINESS AND POSSIBLE NAU SEA. HARMFUL OR FATAL  
IF SWALLOWED.  
Medical Cond Aggravated by Exposure:NONE ESTABLISHED

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

First Aid:BREATHING:REMOVE PATIENT TO FRESH AIR. EYES: FLUSH WITH WATER  
FOR AT LEAST 15 MINUTES. SKIN:WASH WITH SOAP AND WATER.  
SWALLOWING:CALL PHYSICIAN IMMEDIATELY. DO NOT INDUCE VOMITING.

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

====

Lower Limits:\*

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL OR FOAM.

Fire Fighting Procedures:WATER MAY BE INEFFECTIVE. WATER MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

Unusual Fire/Explosion Hazard:DO NOT SPRAY NEAR OPEN FLAME. KEEP AT ROOM TEMPERATURE AS EXPOSURE TO DIRECT SUNLIGHT OR OTHER HEAT MAY CAUSE BURSTING.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. VENTILATE AVOID BREATHING VAPORS AND REMOVE WITH INERT ABSORBENT.

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

Handling and Storage Precautions:DO NOT STORE ABOVE 120F. KEEP AT ROOM TEMPERATURE AS EXPOSURE TO DIRECT SUNLIGHT OR HEAT MAY CAUSE BURSTING.

Other Precautions:KEEP AWAY FROM CHILDREN. DO NOT PUNCTURE OR INCINERATE. DO NOT SPRAY NEAR FIRE OR OPEN FLAME.

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

Respiratory Protection:AVOID BREATHING OF VAPORS OR SPRAY MIST. IF

PERSONAL EXPOSURE CANNOT BE CONTROLLED BELOW APPLICABLE LIMITS BY VENTILATION, WEAR A PROPERLY FITTED RESPIRATOR APPROVED BY NIOSH/MSHA FOR PROTECTION AGAINST MATERIALS.

Ventilation:PROVIDE LOCAL EXHAUST VENTILATION IN VOLUME AND PATTERN TO KEEP TLV OF ALL HAZARDOUS INGREDIENTS BELOW ACCEPTABLE LIMITS

Protective Gloves:GLOVES RECOMMENDED BY GLOVE SUPPLIER.

Eye Protection:SAFETY GLASSES W/UNPERFORATED SIDESHIELD

Supplemental Safety and Health

PROPOSITION 65 APPL

IES TO A LIST OF CHEMICALS NAMED BY THE GOVERNOR OF

CALIFORNIA AS CARCINOGENS OR REPRODUCTION TOXINS.WARNING REQUIREMENTS FOR SPECIFIC CHEMICALS TAKE EFFECT ONE YEAR AFTER THEY ARE ADDED TO THE GOVERNOR'S LIST.OTHER CHEMICALS ALREADY ADDED TO THE LIST WILL BE REGULATED LATER UNDER PROPOSITION 65.

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

HCC:V2

Boiling Pt:B.P. Text: AIR

Evaporation Rate & Reference:FASTER THAN ETHER

Appearance and Odor:ORGANIC SOLVENTS

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

Stability Indicator/Materials to Avoid: YES

NONE

Stability Condition to Avoid: DO NOT STORE ABOVE 120F.

Hazardous Decomposition Products: BY OPEN FLAME: CARBON MONOXIDE, CARBON DIOXIDE, HYDROGEN CHLORIDE AND PHOSGENE GAS.

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

Waste Disposal Methods: DO NOT INCINERATE. DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS REGARDING POLLUTION.

Discla

imer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.