

GREAT WESTERN CHEMICAL CO -- 1,1,1-TRICHLOROETHANE (DIOXANE FREE) -- 6810-00-476-5612

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Product Identification  
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Product ID:1,1,1-TRICHLOROETHANE (DIOXANE FREE)

MSDS Date:12/02/1990

FSC:6810

NIIN:00-476-5612

MSDS Number: BQXSX

=== Responsible Party ===

Company Name:GREAT WESTERN CHEMICAL CO

Address:3595 E WAWONA AVE

City:FRESNO

State:CA

ZIP:93725

Country:US

Info Phone Num:209-485-4150

E

mergency Phone Num:209-485-4150

CAGE:0GY39

=== Contractor Identification ===

Company Name:GREAT WESTERN CHEMICAL CO

Address:3595 E WAWONA AVE

Box:City:FRESNO

State:CA

ZIP:93725

Country:US

Phone:209-485-4150

CAGE:0GY39

Company Name:GREAT WESTERN CHEMICAL CO

Address:520 ZEPHYR ST

Box:City:STOCKTON

State:CA

ZIP:95206

Country:US

Phone:209-466-0721

CAGE:5U271

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Composition/Information on Ingredients  
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Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS:71-

55-6  
RTECS #:KJ2975000  
Fraction by Wt: 95% MIN  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:350 PPM/450 STEL  
ACGIH TLV:350 PPM/450STEL;9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS  
Ozone Depleting Chemical:1

Ingred Name:SEC-BUTYL ALCOHOL (SARA III)  
CAS:78-92-2  
RTECS #:EO1750000  
Fraction by Wt: 1-2%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:150 PPM  
ACGIH TLV:100 PPM; 9293

Ingred Name:1,3-DIOXOLANE  
CAS:646-06-0  
RTECS #:JH6760000  
Fraction by Wt: 2%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:TLV: 350 PPM  
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 SWALLOWED OR INHALED.  
Explanation of Carcinogenicity:NOT LISTED AS A CARCINOGEN BY NTP, IARC  
OR OSHA  
Effects of Overexposure:CAUSES EYE AND SKIN IRRITATION.  
Medical Cond Aggravated by Exposure:INCREASED SENSITIVITY TO ADRENALINE  
MAY BE CAUSED BY OVE  
R EXPOSURE.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR.  
IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN. EYE:  
FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET  
MEDICAL AT TENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH  
SOAP AND WATER PROMPTLY. INGESTION: DO NOT INDUCE VOMITING. GIVE  
MILK OR USP MINERAL OIL. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:DOES NOT FLASH

Autoignition Temp:Autoignition Temp Text:UNKNON

Lower Limits:7.5

Upper Limits:15.0

Extinguishing Media:FOAM, CARBON DIOXDE, AND DRY CHEMICAL. A WATER "FOG" OR SPRAY SHOULD BE USED TO COOL CONTAINERS ONLY.

Fire Fighting Procedures:WHEN FIRE FIGHTING, WEAR FULL PROTECTIVE EQUIPMENT, INCLUDING SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:MAY PRODUCE HAZARDOUS FUMES OR HAZARDOUS

DECOMPOSITION PRODUCTS. VAPORS FROM THIS PRODUCT MAY CONCENTRATE IN CONFINED SPACES & FORM AN EXPLOSIVE MIXTURE.

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

Spill Release Procedures:CONTAIN SPILLED LIQUID. (FOR SMALL SPILLS, ADD DRY MATERIAL TO CONTAIN) WEARING RECOMMENDED PROTECTIVE EQUIPMENT, REMOVE BULK OF LIQUID. ADD DRY MATERIAL TO ABSORB REMAINING LIQUID; PICK UP AND CONTAINERIZE FOR RECOVERY OR DISPOSAL.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED AREA. PREVENT WATER OR MOIS AIR FROM ENTERING STORAGE CONTAINERS. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions:WHEN EMPTY, THOROUGHLY RINSE CONTAINER WITH WATER BEFORE DISPOSAL, RETURN TO MANUFACTURER, OR ANY OTHER INDUSTRIAL USE. EMPTY CONTAINERS MAY BE HAZARDOUS. THEY MAY CONATIN VAPORS WHICH COULD BE IGNITE D. DO NOT CUT, PUNCTURE OR WELD CONTAINR

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

Respiratory Protection:IF A NIOSH-PEL IS EXCEEDED, A NIOSH-APPROVED RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE OR SUPPLIED AIR IS REQUIRED.

Ventilation:LOCAL EXHAUST PREFERABLE.

Protective Gloves:RUBBER OR SYNTHETIC RUBBER.

Eye Protection:USE CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:RUBBER APRON , RUBBER BOOTS, EYE WASH, SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND BEFOR

E EATING,

SMOKING OR USING TOILET FACILITIES. DO NOT BREATH VAPORS OR MIST.

Supplemental Safety and Health

FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. PROTECT EYES,  
SKIN AND CLOTHING FRPN CONTACT WITH PRODUCT. USE WITH ADEQUATE  
VENTILATION.

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

HCC:N1

Boiling Pt:B.P. Text:165F,74C

Melt/Freeze Pt:M.P/F.P Text: