

DOW CHEMICAL U.S.A. -- TRICHLOROETHYLENE-E -- 6810-00-754-2813

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Product Identification  
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Product ID:TRICHLOROETHYLENE-E

MSDS Date:01/01/1985

FSC:6810

NIIN:00-754-2813

MSDS Number: BFNNN

=== Responsible Party ===

Company Name:DOW CHEMICAL U.S.A.

Address:2020 DOW CENTER

City:MIDLAND

State:MI

ZIP:48640-6030

Country:US

CAGE:96717

=== Contractor Identification ===

Company Name:DOW CHEMICAL CO

Address:100 LARKIN CENTER

Box:City:MIDLAND

State:MI

ZIP:48674

Country:US

Phone:800-258-2436

CAGE:96717

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Composition/Information on Ingredients  
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Ingred Name:TRICHLOROETHYLENE (SARA III)

CAS:79-01-6

RTECS #:KX4550000

Fraction by Wt: >95%

OSHA PEL:100 PPM/100 STEL

ACGIH TLV:50 PPM/100,A5STEL;93

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:1,2-BUTYLENE OXIDE (SARA III)

CAS:106-88-7

RTECS #:EK3675000

Fraction by Wt: 0.6%

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

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==== Hazards Identification =====

Effects of Overexposure:PROLONG/REPEATED EXPOS.TO LEVELS >100  
PPM-POSSIBLE ORGANIC INJURY CAN CAUSE DEATH IF BREATHE TOO MUC

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

First Aid:EYES:IRRIGATE W/FLOWING WATER IMMED.& CONTIOUOUSLY FOR 15  
MIN. REFER TO DR. SKIN: FLUSH WITH WATER. WASH CLOTHING BEFORE  
REUSE.;INHAL: REMOVE TO FRESH AIR IF EFFECTS OCCUR.; INGEST: DONOT  
INDUCE VOMIT . CALL DR.

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

Flash Point:NONE  
Extinguishing Media:WATER FOG  
Fire Fighting Procedures:PRESS. DEMANDS SELF-CONTAINES RESPIRATORY  
PROTECTION.  
Unusual Fire/Explosion Hazard:STRONG UNPLEASANT ODOR. NOT CONSIDERED A  
FLAMM. LIQUID UNDER NORM. INDUSTRIAL USE CONDITIONS.

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

Spill Release Procedures:SMALL SPILLS: MOP,WIPE, OR SOAK UP  
IMMEDIATELY. REMOVE TO OUT OF DOORS.;LA  
RGE SPILLS:EVACUATE AREA.  
CONATIN LIQUID; TRANSFER TO CLOSED METAL CONTAINERS. KEEP OUT OF  
WATER SUPPLY.

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

Handling and Storage Precautions:HANDLE W/ REASONABLE CARE. AVOID  
BREATHING VAPORS. STORE IN COOL PLACE. VAPORS WILL COLLECT IN LOW  
PLACES.  
Other Precautions:HEALTH HAZ. DATA(CONTIN): ORAL RAT- LC > 4 G/KG.;  
EYE: PAIN & IRRIT. BUT NO(OR ONLY MINOR) CORNEAL INJURY LIKELY;  
SKIN ABSORPTION:VERY LOW TOXI  
CITY-NOT A HAZARD

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

Respiratory Protection:REQUIRED IN ABSENCE OF PROPER ENVIRONM. CONTROL;  
EMERGY:SELF-CONTN  
Ventilation:RECOMMENDED CONTROL OF VAPORS TO SUGGESTED GUIDE.  
Protective Gloves:RUBBER  
Eye Protection:SAFETY GLASSES W/O S.SHLD  
Other Protective Equipment:NONE REQUIED.  
Supplemental Safety and Health  
NOTE: EARLIER PUBLICATIONS INDICATED THIS MATERIAL HAD EXPLOSIVE  
LIMITS-THIS WAS AN ERROR IN A BASIC REFERENCE USE

D BY THE  
TRADE/INDUSTRY.

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

HCC:T4  
Boiling Pt:B.P. Text:189F,87.2C  
Vapor Pres:60  
Vapor Density:4.53  
Spec Gravity:1.46  
Solubility in Water:0.16/1000G  
Appearance and Odor:COLORLESS LIQUID.  
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES  
STRONG BASES(CAUSTIC POTASH OR SODA)  
Stability Condition to Avoid:AVOID OPEN FLAMES,WELDING ARCS  
,OR  
HI-TEMP.SOURCES  
Hazardous Decomposition Products:HYDROGEN CHLORIDE, SMALL AMOUNTS OF  
PHOSGENE/CHLO

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

Waste Disposal Methods:SEND SOLVENT TO A RECLAIMER. IN SOME CASES,  
SMALL AMTS. MAY BE TRANSPORTED TO AN AREA WHERE IT CAN BE PLACED ON  
THE GROUND & ALLOWED TO EVAPORATE SAFELY IF LOCAL, STATE, & FEDERAL  
REGUL.

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