

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

===== Product Identification =====

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

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

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.

==== 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.;L
ARGE 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 TOX
ICITY-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 US

ED 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 ARC
S,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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