

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
Co
untry: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

===== 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 =====
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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.;LARGE 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 TOXICITY-NOT A HAZARD

===== Exposure Controls/Personal Pro
tection =====

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 USED BY THE
TRADE/INDUSTRY.

===== Physical/Chemi

cal 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:HYDROGE
N 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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