

DOW CHEMICAL U.S.A. -- NEU-TRI SOLVENT;PRODUCT CODE:56530 -- 6810-00-184-4794

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Product Identification
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Product ID:NEU-TRI SOLVENT;PRODUCT CODE:56530

MSDS Date:01/01/1987

FSC:6810

NIIN:00-184-4794

MSDS Number: BDGXM

=== Responsible Party ===

Company Name:DOW CHEMICAL U.S.A.

Address:2020 DOW CENTER

City:MIDLAND

State:MI

ZIP:58640-6030

Country:US

Info Phone Num:517-636-4400

Emergency Phone

Num:517-636-4400

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: 99.4%

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 =====

LD50 LC50 Mixture:ORAL RAT 4G/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF
EYES,SKIN,RESPIRATORY TRACT,CNS
EFFECTS,HEADACHE,VERTIGO,NAUSEA,VOMITING.
CHRONIC:DERMATITIS,LIVER,KIDNEY DAMAGE.

Explanation of Carcinogenicity:NO DATA AVAILABLE PER MSDS;ANIMAL
SUSPECTED PER IARC.

Effects of Overexposure:EYES:PAIN/IRRIT,BUT NO CORNEAL INJURY;SKIN:MOD
TO SEVERE IRRIT/PAIN/BURN *SEE OTHER PRECAUTIONS*

Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE
WORSEN.

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

First Aid:SKIN:WASH W.SOAP & H*2O. EYES:FLUSH W. H*2O. INGESTED:DON'T
INDUCE VOMITING. INHALED:REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF
NEED. KEEP WARM &
QUIET. REMOVE CONTAMINATED CLOTHING. NEVER GIVE
ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.

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

Flash Point:NONE
Autoignition Temp:Autoignition Temp Text:788F
Lower Limits:8.0
Upper Limits:10.5
Extinguishing Media:WATER FOG
Fire Fighting Procedures:PRESS.DEMANDS
SELF-CONT.RESPR.PROTCT;STRG.UNPLEAST.ODOR.
Unusual Fire/Explosion Hazard:VAP WILL COLLECT IN PITS,DEGREASERS,STG
TNKS,ETC;DO NOT ENTER W/O OBSERVER.USE SPECIAL

BREATHING APP

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

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

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

Handling and Storage Precautions:HANDLE WITH REASONABLE CARE. AVOID BREATHING VAPORS. STORE IN COOL PLACE.

Other Preca

utions:CONTND(OVEREXPSR): ON PROLNKD

CONTCT;INH:ANESTHSIA,CAN BE FATAL IF MUCH INHLD;ING:MAY BE MOD TOXIC;SYSTEMIC:MAY ICREASE MYOCARDIAL IRRITBLTY.AVOID EPNEPHRINE.LIVER/KIDNEY INJURY POSS W/OVREXPR

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

Respiratory Protection:NIOSH APPRVD RESP IN ABSENCE OF ENVRNMNTAL PROTCTION;SCBAIN EMERGNCY

Ventilation:RECOMMEND CONTROL OF VAPORS TO SUGGESTED GUIDE

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES W/O SHIE

LD

Other Protective Equipment:EYE WASH STATIONS & SAFETY SHOWERS.

Supplemental Safety and Health

MSDS DATED 10/07/85.MATERIAL IS TYPE II OF FEDERAL SPEC O-T-634B.

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

HCC:T4

Boiling Pt:B.P. Text:189F/87C

Vapor Pres:60

Vapor Density:4.53

Spec Gravity:1.46

Evaporation Rate & Reference:NOT AVAILABLE

Solubility in Water:NEGLEGIBLE

Appearance and Odor:COLORLESS LIQUID,STRONG UNPLEASANT ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid: YES

CAUSTIC SODA, CAUSTIC POTASH.

Stability Condition to Avoid: OPEN FLAMES, WELDING ARCS OR OTHER HIGH TEMP. SOURCES.

Hazardous Decomposition Products: HCL, VERY SMALL AMTS OF PHOSGENE & CHLORINE.

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

Waste Disposal Methods: SEND SOLVENT TO A RECLAIMER. SOME CASES IT CAN BE TRANSPORTED TO AN AREA WHERE IT CAN BE PLACED ON THE GROUND AND

ALLOWED TO EVAPORATE; MAY BE BURIED IN APPROVED LANDFILL IAW W LOCAL, STATE & FEDERAL REGULATIONS.

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