

FREON T-WD 602

MSDS Number

BCCZL

National Stock Number

6850-00K001501

Product Name

FREON T-WD 602

Manufacturer

E I DUPONT DE NEMOURS AND CO INC

Product Identification

Product ID:FREON T-WD 602

MSDS Date:01/01/1985

FSC:6850

NIIN:00K001501

MSDS Number: BCCZL

Responsible Party

E.I. DUPONT DE NEMOURS & CO,INC.

Emergency Phone: 302-774-2421

Cage: 19898

Contractor

E.I. DUPONT DE NEMOURS & CO., INC.

1635

WILMINGTON, DE 19898

US

800-441-7515;800-441-9442

Cage: 19898

Ingredients

1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA

CAS: 76-13-1

RTECS: KJ4000000

Fraction By Weight: 91.5%

OSHA PEL1000PPM/1250STEL

ACGIH TLV: 1000PPM/1250STEL9192

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 6%

AMINE SALT OF AROMATIC SULFONIC ACID

Fraction By Weight: 2.5%

Hazards

Effects of Overexposure: LIGHT-HEAD, GIDDY, SHORT OF BREATH, POSSIBLE
NARCOSIS, POSSIBLE CARDIAC ARRHYTHMIAS AT HIGH CONCENTRATIONS.

First Aid

First Aid: DO NOT GIVE EPINEPHRINE OR SIMILAR DRUGS.

Fire Fighting

Extinguishing Media: EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS IF INVOLVED IN FIRE.

Unusual Fire/Explosion Hazard: NONE NOTED BY MANUFACTURER.

Accidental Release

Spill Release Procedures: VENTILATE AREA. ELIMINATE IGNITION
SOURCES, ESPECIALLY LOW AREAS WHERE VAPOURS MIGHT COLLECT. STOP
LEAK. WEAR PROTECTIVE CLOTHES, SCBA. ABSORB SMALL SPILL WITH SUITABLE
ABSORBENT. SHOVEL INTO CONTAINER. LARGE SPILL: DIKE WITH SUITABLE
ABSORBENT FOR LATER DISPOSAL.

Handling

Handling and Storage Precautions: STORE IN CLEAN, DRY, WELL VENTED
AREA. KEEP CONTAINERS CLOSED. PROTECT FROM PHYSICAL DAMAGE. DO NOT
STORE ABOVE 125°F.

Other Precautions: FOR FURTHER INFORMATION, SEE FREON PRODUCTS BULLETIN
0-16, FST-5E & S-30.

Exposure Controls

Respiratory Protection: USE AIR MASK IN AREAS OF HIGH CONCENTRATION
Ventilation: MECHANICAL IN LOW PLACES, LOCAL EXHAUST WHEN LARGE AMOUNTS
RELEASED

Protective Gloves: IMPERMEABLE

Eye Protection: CHEMICAL SPLASH GOGGLES

Other Protective Equipment: USE APPROPRIATE HYGIENE PRACTICES.

Supplemental Safety and Health

SYNONYM: TRICHLOROFLUOROETHANE & WATER. SOLUBILITY: ADDITION OF WATER
BREAKS THE EMULSION.

Chemical Properties

HCC: N1

Boiling Pt: B.P. Text: 112°F/44°C

Vapor Pressure: 362

Vapor Density: 2.9

Specific Gravity: 1.49

Evaporation Rate & Reference: >1 (CCL*4=1)

Solubility in Water: SEE SUPPLEMENTAL DATA

Appearance and Odor: COLORLESS LIQUID-SLIGHT SOLVENT ODOR.

Percent Volatiles by Volume: 97.5

Stability

Stability Indicator/Materials to Avoid: YES

ALKALI OR ALKALINE EARTH METALS-POWDERED AL, ZN, BE, ETC.

Stability Condition to Avoid: HIGH TEMPERATURES, IGNITION SOURCES

Hazardous Decomposition Products: HYDROCHLORIC & HYDROFLUORIC
ACIDS-POSSIBLE CARBONYL HALIDES.

Disposal

Waste Disposal Methods: ELIMINATE IGNITION SOURCES. CONTACT QUALIFIED
DISPOSAL CONTRACTOR OR MANUFACTURER FOR DISPOSAL METHODS. SEND TO
MANUFACTURER/DISPOSAL CONTRACTOR FOR RECYCLE BY DISTILLATION. PACKAGE &
DISPOSE IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS.

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