

DUPONT E I DE NEMOURS & CO -- FREON 500 REFRIGERANT -- 6830-01-357-7646

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Product Identification  
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Product ID:FREON 500 REFRIGERANT

MSDS Date:10/07/1996

FSC:6830

NIIN:01-357-7646

MSDS Number: BYTCX

=== Responsible Party ===

Company Name:DUPONT E I DE NEMOURS & CO

Address:1007 MARKET ST

Box:NONE

City:WILMINGTON

State:DE

ZIP:19899

Country:US

Info Phone Num:800-441-7515,800-414-9450

Emergenc

y Phone Num:800-441-7515,800-424-9300, CHEMTREC

CAGE:23027

=== Contractor Identification ===

Company Name:CONTRACTED OPERATIONS LOUISVILLE PACKAGING

Address:7753 NATIONAL TURNPIKE

Box:UNKNOW

City:LOUISVILLE

State:KY

ZIP:40214

Country:US

Phone:502-363-8000/2663

CAGE:089V0

Company Name:LORDON COMPANY

Box:UNKNOW

CAGE:1FF67

Company Name:TETRA MFG CORP (CAGE CANCELLED)

Address:CAGE CANCELLED

City:WESTBURY

State:NY

ZIP:11590

Country:US

Phone:NONE

CAGE:23027

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Composition/Information on I

Ingredients =====

Ingred Name:DICHLORODIFLUOROMETHANE (SARA III) (FREON 12)

CAS:75-71-8

RTECS #:PA8200000

Fraction by Wt: 73.8%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9394

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ozone Depleting Chemical:1

Ingred Name:DIFLUOROETHANE (FC-152A)

CAS:75-37-6

RTECS #:K11410000

Fraction by Wt: 26.2%

Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

Routes of Entry: Inhal

ation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION OF HIGH CONCENTRATIONS IS HARMFUL & MAY CAUSE HEART IRREGULARITIES, UNCONSCIOUSNESS, DEATH. INTENTIONAL MISUSE MAY CAUSE DEATH W/O WARNING. VAPORS REDUCE OXYGEN CONTENT OF THE AIR (ASPHYXIA TION). LIQUID CONTENT MAY CAUSE FROSTBITE.

Explanation of Carcinogenicity:NONE OF THE INGREGREDIENTS PRESENT AT 0.1% OR GREATER ARE LISTED BY IARC, NTP, OSHA O

R ACGIH AS CARCINOGENS.

Effects of Overexposure:LIQUID CONTACT:FROSTBITE. INHALATION:HIGH CONCENTRATIONS; COUGH, DIFFICULTY BREATHING, SHORTNESS OF BREATH, IRREGULAR PULSE, PALPITATIONS, INADEQUATE CIRCULATION, ABNORMAL KIDNEY FUNCTION.

Medical Cond Aggravated by Exposure:INDIVIDUALS W/PRE-EXISTING DISEASES OF CNS, CARDIOVASCULAR SYTEM, LUNGS OR KIDNEYS MAY HAVE INCREASED SUSCEPTIBILITY TO TOXICITY OF EXCESSIVE EXPOSURES.

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

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First Aid:IF IRRITATION PERSISTS OR IS SEVERE, GET MEDICAL ATTENTION.  
EYE:FLUSH W/WATER FOR 15 MIN. SKIN:FLUSH AFFECTED AREA W/WATER.  
TREAT FOR FROSTBITE BY GENTLY WARMING AFFECTED AREA. INHALED:  
REMOVE FROM EX POSURE. KEEP VICTIM CALM. AID OR RESTORE BREATHING  
AS NEEDED. INGESTED:NOT CONSIDERED A POTENTIAL ROUTE OF EXPOSURE.

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

Flash Point:WILL NOT BURN

Extinguishing Media:AS APPROPRIATE FOR  
COMBUSTIBLES IN AREA.

Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS IS REQUIRED  
IF CYLINDERS RUPTURE OR RELEASE UNDER FIRE CONDITIONS. USE WATER  
SPRAY/FOG TO COOL CONTAINERS.

Unusual Fire/Explosion Hazard:CYLINDERS ARE EQUIPPED W/TEMP/PRESSURE  
RELIEF DEVICES BUT MAY STILL RUPTURE UNDER FIRE CONDITIONS.  
DECOMPOSITION MAY OCCUR.

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

Spill Release Procedures:VENTILATE AREA-ESPECIALLY LOW PLACE WHERE

HEAVY VAPORS MIGHT COLLECT. WEAR SELF-CONTAINED BREATHING APPARATUS  
FOR LARGE SPILLS. REMOVE OPEN FLAMES.

Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

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

Handling and Storage Precautions:AVOID BREATHING VAPORS. AVOID LIQUID  
CONTACT W/SKIN OR EYES.USE W/SUFFICIENT VENTILATION TO KEEP  
EMPLOYEE EXPOSURE BELOW RECOMMENDED LIMITS.

Other Precautions:STORE IN CLEAN,DRY AREA. DO NOT HEAT ABOVE 125F.

===== Ex  
posure Controls/Personal Protection =====

Respiratory Protection:UNDER NORMAL MFG CONDITIONS NO RESPIRATORY  
PROTECTION IS REQUIRED WHEN USING THIS PRODUCT.SELF-CONTAINED  
BREATHING APPARATUS (SCBA) IS REQUIRED IF SPILL OCCURS.

Ventilation:NORMAL VENTILATION FOR STDANDARD MFG PROCEDURES. IS  
GENERALLY ADEQUATE. USE LOCAL EXHAUST WHEN LARGE AMOUNTS RELEASED.

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:SELF-CONTAINED BRE

ATHING APPARATUS IS

REQUIRED IF A SPILL OCCURS

Work Hygienic Practices:MFR GAVE NO INFORMATION ON MSDS.

Supplemental Safety and Health

VENTILATION:MECHANICAL VENTILATION SHOULD BE USED IN LOW PLACES.

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

HCC:G3

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:-27F,-33C

Vapor Pres:232 PSI

Vapor Density:3.7

Spec Gravity:1.16 G/CC

Evaporation Rate & Reference: