

E I DUPONT DE NEMOURS & CO, FREON PROD -- DYMEL 22,MODEL MSR,SSC -- 6350-00-611-7991  
===== Product Identification =====

Product ID:DYMEL 22,MODEL MSR,SSC

MSDS Date:07/01/1988

FSC:6350

NIIN:00-611-7991

MSDS Number: CDGGZ

=== Responsible Party ===

Company Name:E I DUPONT DE NEMOURS & CO, FREON PROD

Address:1007 MARKET ST

City:WILMINGTON

State:DE

ZIP:19899

Country:US

Info Phone Num:800-441-9450

Emer

gency Phone Num:800-441-3637/800-424-9300(CHEMTREC)

Preparer's Name:K. P. BROWN

CAGE:5P414

=== Contractor Identification ===

Company Name:E I DUPONT DE NEMOURS & CO, FREON PROD (REPLACED BY 73925)

Address:1007 MARKET ST

Box:City:WILMINGTON

State:DE

ZIP:19899

Country:US

Phone:800-441-3637-MED 800-424-9300-TRAN

CAGE:5P414

Company Name:FALCON SAFETY PRODUCTS INC

Address:25 CHUBB WAY

Box:1299

City:SOMMERVILLE

State:NJ

ZIP:08876

Country:US

Phone:908-707-4900

CAGE:02670

===== Composition/Inf

ormation on Ingredients =====

Ingred Name:CHLORODIFLUOROMETHANE  
CAS:75-45-6  
RTECS #:PA6390000  
Fraction by Wt: 100%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1000 PPM  
ACGIH TLV:1000PPM; 9192  
Ozone Depleting Chemical:2

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

LD50 LC50 Mixture:TLV 1000 PPM, 3500 MG/M3  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE-INHALE:MAY C  
AUSE

SUFFOCATION,SHORTNESS OF BREATH,CONFUSION,NARCOSIS,CARDIAC  
IRREGULARITIES,UNCONSCIOUSNESS OR EVEN DEATH.EYES:CAN CAUSE SLIGHT  
IRRITATION & CORNEAL INJURY.SKIN:PROLONGED/ REPEATE D CONTACT CAN  
CAUSE DEFATTING.ORAL:LOW TOXICITY BUT HAS ASPIRATION HAZARD,GI &  
CNS EFFECTS.CHRONIC-MAY CAUSE DERMATITIS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:MAY CAUSE SUFFOCATION, SHORTNESS OF BREATH,  
CONFUSION, NARCOSIS, CARDIAC IRREGULARITIES, UNCONSCIOUSNESS OR

EVEN DEATH. CAN CAUSE SLIGHT EYE IRRITATION & CORNEAL INJURY.  
PROLONGED/REPEATED SKIN CONTACT CAN CAUSE DEFATTING AND FROSTBITE.  
ORALLY HAS LOW TO MODERATE TOXICITY AND HAS ASPIRATION HAZARD, GI &  
CNS EFFECTS.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE  
MORE SUSCEPTIBLE TO THIS MATERIAL.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:WASH WITH  
SOAP & WATER.EYE:FLUSH W  
ITH WATER FOR 15 MINUTES,HOLDING EYELIDS  
OPEN.INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED.  
ORAL:DO NOT INDUCE VOMITING.IF CONSCIOUS,DRINK 2 GLASSES OF WATER  
& IMMEDIATELY SEEK MEDICAL ATTENTION.DO NOT TAKE ADRENALINE OR  
OTHER SIMILAR CARDIAC STIMULANTS TO TREAT EFFECTS OF OVEREXPOSURE  
TO THIS PRODUCT.

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

Flash Point Method:TOC  
Flash Point:NONE  
Extinguishing Media:WATER SPRAY, CO2, FOAM/DRY CHE

MICAL. WATER SPRAY

MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL & FLUSH SPILLS AWAY.

Fire Fighting Procedures:FULL PROTECTIVE CLOTHING & NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE IF CONTENTS ARE RELEASED.

Unusual Fire/Explosion Hazard:OTHER BURNING MATERIAL MAY CAUSE DYMEL 22 TO BURN WEAKLY.CYLINDERS ARE EQUIPPED WITH PRESSURE AND TEMPERATURE RELIEF DEVICES BUT MAY RUPTURE IN FIRE CONDITIONS.

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

Spill Release Procedures:VENTILATE AREA WELL AND AVOID BREATHING VAPORS. VAPOR CONCENTRATION WILL BE HIGHEST ALONG FLOOR AND IN LOW LYING AREAS. PICK UP LIQUID ON SUITABLE ABSORBENT AND STORE IN SEALED CONTAINERS.

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

Handling and Storage Precautions:STORAGE-STORE IN COOL,WELL VENTILATED AREA AWAY FROM HEAT & FLAMES.

Other Precautions:KEEP THIS AND ALL CHEMIC ALS OUT OF REACH OF CHILDREN.

THIS PRODUCT FOR INDUSTRIAL USE ONLY. DO NOT USE IN CLOSED SPACE. AVOID BREATHING VAPORS OR MISTS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING.

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

Respiratory Protection:NON REQUIRED UNDER NORMAL CONDITIONS. IF HIGH VAPOR OR MIST CONCENTRATIONS EXPECTED, USE NIOSH-APPROVED RESPIRATOR FOR ORGANIC VAPORS AND MISTS. WEAR SUPPLIED-AIR RESPIRATOR PROTECTION IN CONFINED OR ENCLOSED SPACES, IF NEEDED.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NEOPRENE OR PVA

Eye Protection:SPLASH-PROOF SAFETY GOGGLES OR GLASSES

Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND IMPERVIOUS CLOTHING

Work Hygienic Practices:GOOD PERSONAL HYGIENE PRACTICES REQUIRE THAT GROSS AMOUNT OF ANY CHEMICAL BE REMOVED FROM THE SKIN AS SOON AS PRACTICAL.

Supplemental Safety and Health

FALCON SAFE

TY PRODUCTS, INC. USES DUPONT CHLORODIFLUOROMETHANE FOR  
MIGHTY SONIC REFILL (MSR).

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

HCC:G3

Boiling Pt:B.P. Text:-41F,-41C

Decomp Temp:Decomp Text:1170F,632C

Vapor Pres:7810 @ 77F

Vapor Density:3.03 @ 77F

Spec Gravity:1.194

Evaporation Rate & Reference:>1 (CCL4=1)

Solubility in Water:0.30% @ 77F

Appearance and Odor:CLEAR COLORLESS LIQUEFIED GAS WITH SLIGHT ETHEREAL  
ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ALKALI OR REACTIVE ALKALINE EARTH METALS, POWDERED ALUMINUM, ZINC,  
BERYLLIUM, ETC..

Stability Condition to Avoid:HIGH HEAT AND OPEN FLAME

Hazardous Decomposition Products:HIGH TEMPERATURES(OPEN FLAMES,GLOWING  
METAL SURFACE)CAN FORM HYDROCHLORIC, HYDROFLUORIC ACIDS & POSSIBLY  
CARBONYL HALIDE

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

Waste Disposal Methods:MATE

RIAL MAY BE DISPOSED OF BY A LICENSED

RECLAIMER OR INCINERATION FACILITY. CONSULT LOCAL, STATE AND  
FEDERAL REGULATIONS.

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