

# Occupational Safety & Health Administration

## MATERIAL SAFETY DATA SHEET

Temp

SECTION I

MANUFACTURER'S NAME: **E. I. Du Pont de Nemours & Company, Inc.**  
 ADDRESS (Number, Street, City, State, and ZIP Code): **Freon® Products Division, Wilmington, Delaware 19898**

CHEMICAL NAME AND SYNONYMS: **Dichlorodifluoromethane**  
 CHEMICAL FAMILY: **Halogenated Hydrocarbon**

EMERGENCY TELEPHONE NO.: **(302)-774-2421**

TRADE NAME AND SYNONYMS: **Freon® 12**  
 FORMULA: **CCl<sub>2</sub>F<sub>2</sub>**

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

Freon

SECTION III PHYSICAL DATA

BOILING POINT (°F.)	-21.6	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	77°F	1.311
VAPOR PRESSURE (mm Hg.)	77°F. 4893	PERCENT VOLATILE BY VOLUME (%)		100
VAPOR DENSITY (AIR=1)	6.33	EVAPORATION RATE ( = 1)		Rapid
SOLUBILITY IN WATER	77°F 0.028			
APPEARANCE AND ODOR	Colorless liquid - slight ethereal odor			

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	None	FLAMMABLE LIMITS	LeL	UeL
EXTINGUISHING MEDIA	Nonflammable	None		
SPECIAL FIRE FIGHTING PROCEDURES				
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

### NOTICE FROM DU PONT

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.