

SPECIFICATION
FLUORODICHLOROMETHANE
(REFRIGERANT 21)

Technical Specifications 2412-138-05807960-2001

APPLICATION: as an aerosol propellant and a refrigerant.

PHYSICAL AND CHEMICAL PROPERTIES

Parameter	Value
1 Mass fraction of fluorodichloromethane, %, minimum	99.5
2 Cumulative mass fraction of impurities determined by chromatographic method, %, maximum	0.5
3 Mass fraction of nonvolatile residue, %, maximum	0.004
4 Acidity	Indicator must not change colour
5 Mass fraction of water, %, maximum	0.005

PACKING: It should be filled into steel cylinders, containers designed for operating overpressure of at least 1.27 MPa and which are in accordance with the Rules for Design and Safe Operation of Pressure Vessels.

TRANSPORTATION AND STORAGE: Refrigerant 21 should be transported by all kinds of transport according to the Rules for Carriage of Goods being in force for this kind of transport and according to the Rules for Design and Safe Operation of Pressure Vessels.

Refrigerant 21 should be stored in accordance with the Rules for Design and Safe Operation of Pressure Vessels in warehouse premises which provide sun protection, and should be kept away from heaters.

Guaranteed shelf life of Refrigerant 21 – 1 year from the date of manufacture.