



## 1-Chloro -2,2,2-trifluoroethane (133a)

CAS No. 75-88-7

1-Chloro-2,2,2-trifluoroethane is used as an intermediate to manufacture specialty chemicals. It is available in two grades.

### Specifications

#### Technical Grade

Assay by Gas Chromatography	99 % minimum
Acidity	25 ppm maximum as HF

#### Envron™ Grade

Assay by Gas Chromatography	99.0% minimum
Water	70 ppm maximum
Acidity	0.0003% maximum as HCl
Residue	0.01% maximum
R132b	1 ppm maximum

### Physical Properties

Chemical Formula:	CF <sub>3</sub> CH <sub>2</sub> Cl
Mol. Wt.:	118.5
Boiling Pt.:	6 °C
Melting Pt.:	-105 °C
Density:	1.4 g/cm <sup>3</sup> @ 0 °C
Vapor pressure:	25 psia at 20 °C
Solubility in H <sub>2</sub> O:	Negligible
Appearance & Odor:	Colorless liquefied gas with faint odor

### Packaging

Contact Customer Service

### Typical chemistry and uses

It is used as an intermediate to manufacture specialty chemicals.