

## Specification

5.02.2009

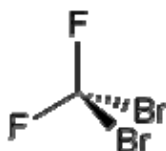
CAS No: 75-61-6

EEC No 200-885-5

HS No. N/A

Chemical Name: Dibromodifluoromethane

### Structure:

Molecular Formula: CBr<sub>2</sub>F<sub>2</sub>  
Molecular Weight: 209.82

### Product Properties:

Vapor Density:	7.24 (vs air)
Vapor Pressure:	12.79 psi (20°C)
Assay:	95.0% min
Refractive index:	<i>n</i> <sub>20/D</sub> 1.398
Boiling point:	22°C -23°C
Melting point:	-142°C - -141°C
Density:	2.297 g/mL at 25°C

**Storage:** The substance decomposes on contact with hot surfaces or flames producing toxic and corrosive gases including hydrogen bromide, hydrogen fluoride. Reacts with alkali metals, powdered aluminium, magnesium and zinc.

**Application:** Reagent for the Wittig olefination of carbonyl compounds to difluoromethylene and fluoromethylene derivatives; Precursor of difluorocarbene