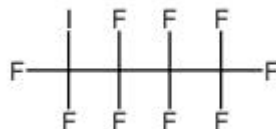


**FC-002 (CAS 423-39-2) Perfluorobutyl iodide****BASIC INFORMATION**

Cas: 423-39-2  
Name: Perfluorobutyl iodide, Perfluoroiodobutane, Nonafluorobutyl iodide; nonafluoro-4-iodobutane; 1-iodoperfluorobutane; 1-iodo nonafluorobutane;  
1,1,1,2,2,3,3,4,4-nonafluoro-4-iodobutane; Nonafluorobutyl iodide; Nonafluoro-1-iodobutane; Perfluorobutyl iodide;  
Molecular formula: C<sub>4</sub>F<sub>9</sub>I  
Mol. wt.: 345.93300  
PSA: 0.00000  
LOGP: 3.84710

**PHYSICAL INDEX**

Appearance: Transparent colorless liquid with a pungent odor  
Density (g/cm<sup>3</sup>): 2.01 g/mL at 25 °C(lit.)  
Boiling point (°C): 66-67 °C  
Melting point: -88 °C  
Flash(ing) point: None  
Refractive index: n<sub>20</sub>/D 1.3285(lit.)  
Water solubility: immiscible  
Stability: Stable. Incompatible with bases.  
Storage condition: 0-6°C  
vapor pressure: 158mmHg at 25°C

**SECURITY INFORMATION**

Safety instruction: S26-S36-S37/39  
Hazard class code: R36/37/38  
WGK Germany: 3  
Dangerous Goods Transport Code: 2810  
HS code: 29034700  
Hazard category: 6.1(b)  
Packing grade III  
Dangerous mark : Xi

**PRODUCTION METHODS AND APPLICATION**

Use  
Key intermediate for the production of fluorinated surfactants and low surface energy coatings