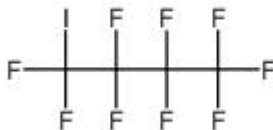


## FC-002 (CAS 423-39-2) Perfluorobutyl iodide

BASIC  
INFORMATION

Cas: 423-39-2  
 Name: Perfluorobutyl iodide, Perfluoroiodobutane, Nonfluorobutyl iodide; nonfluoro-4-iodobutane; 1-iodoperfluorobutane; 1-iodo nonfluorobutane;  
 1,1,1,2,2,3,3,4,4-nonafluoro-4-iodobutane; Nonfluorobutyl iodide; Nonfluoro-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: 158 mmHg 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

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Dangerous mark : Xi

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**PRODUCTION**

Use

**METHODS AND**

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

**APPLICATION**

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