

FC-067 (CAS 307-35-7) FC-066 (CAS 163702-05-4)**1-(Ethoxy) nonafluorobutane****BASIC
INFORMATION**

cas: 307-35-7

Name:

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonyl fluoride; Perfluorooctylsulfonyl fluoride;

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8 heptadecafluoro-n-octanesulfonyl fluoride; Heptadecafluorooctanesulfonyl

fluoride; Perfluorooctanesulfonyl

Fluoride; n-C₈F₁₇SO₂F; perfluoro-n-octanesulfonyl

fluoride; perfluorooctyl-sulphonyl

fluoride; N-Perfluorooctanesulfonyl fluoride; EINECS

206-200-6; Perfluoro-1-octanesulfonyl

fluoride; Heptadecafluorooctanesulphonyl, fluoride; 1,

3,4,4,5,5,6,6,7,7,8,8,8-Heptadecafluorooctane-1-sulfonyl

fluoride; Heptadecafluoro-1-octanesulfonyl Fluoride;

Molecular formula: C₈F₁₈O₂S

Molecular weight: 502.12100

PSA: 42.52000

LOGP: 6.33340

PHYSICAL INDEX

Appearance and properties: transparent colorless liquid

Density: 1.824 g/mL at 25 °C(lit.)

Boiling point: 154-155 °C(lit.)

Melting point: -1 °C

Flash point: >100°C

Refractive index: n₂₀/D 1.301

Storage conditions: Keep in a cool, dry, dark location in a tightly sealed container or cylinder. Keep away from incompatible materials, ignition sources and untrained individuals. Secure and label area. Protect containers/cylinders from physical damage.

Steam density: >1 (vs air)

Vapor pressure: <10 mm Hg (20 °C)

**SECURITY
INFORMATION**

Safety instructions: S26-S36/37/39-S45-S25
WGK Germany: 3
Hazard category code: R34
Customs code: 2942000000
Dangerous goods transport code: UN 3265 8/PG 2
Hazard category: 8
Packing level: II
Dangerous goods mark: C

**PRODUCTION
METHODS AND
APPLICATION**

use
FT-8 perfluorooctyl sulfonyl fluoride is one of the starting materials for the preparation of fluorosurfactants. The fluorosurfactants prepared from it are widely used in textiles, leather, papermaking, mineral processing, fire protection, electronic photosensitive Special performance requirements in industrial fields such as materials and synthetic materials.