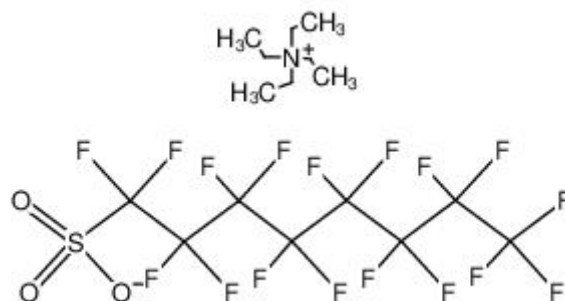


FC-059 (CAS 1652-63-7) Trimethyl-1-propanaminium iodide



BASIC INFORMATION

cas: 1652-63-7
Name: Trimethyl-1-propanaminium iodide,
fluoro surfactant fc-134;fluoroalkyl quaternary ammonium
iodide (C8);Perfluoroalkyl ammonium salt
iodide;Perfluoroalkylsulfonyl quaternary ammonium
iodide;N,N-dimethyl,3-perfluorooctylsulfonylpropyl-aminium,io
dide;Perfluoroalkylsulfonylquaternaryammonium salt salt
iodide;Perfluoroalkylsulfonyl quaternary ammonium
iodides;FC-135;
Molecular formula: C₁₄H₁₆F₁₇N₂O₂S
Molecular weight: 726.23100
PSA: 54.55000
LOGP: 3.44470

PHYSICAL INDEX

Appearance and properties: light yellow powder
Density: 1,6 g/cm³
Melting point: 274 ° C (dec.)
Water solubility: soluble
Stability: Stable. Incompatible with strong oxidizing agents.

SECURITY INFORMATION

Safety instructions: S26; S37/39; S36
Hazard category code: R36/37/38
WGK Germany: 1
Customs code: 2942000000

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Dangerous goods mark: Xi

**PRODUCTION
METHODS AND
APPLICATION**

use

This strain of perfluorinated cationic surfactant has good activity in acid, alkali and neutral media due to its obvious effect of reducing surface tension. It can be used as wetting agent, spreading agent, leveling agent, light water type fire extinguishing agent, film coating agent, electronic wave agent, electronic wave flux, etc., and also used as hydrophobic, oleophobic and anti-scaling agent for fiber, paper, leather, etc. .
