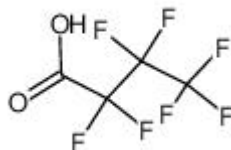


FC-090 (CAS 375-22-4) perfluorobutyric acid**BASIC
INFORMATION**

cas: 375-22-4
Name: perfluorobutyric acid; Butanoic acid, heptafluoro-;
Perfluorobutyric Acid; 2,2,3,3,4,4,4-heptafluorobutanoic
acid; Heptafluorobutyric acid;
Molecular formula: C₄HF₇O₂
Molecular weight: 214.03800
PSA: 37.30000
LOGP: 1.90390

PHYSICAL INDEX

Appearance and properties: transparent colorless liquid
Density: 1.645 g/mL at 25 ° C (lit.)
Boiling point: 120 ° C / 755 mm Hg (lit.)
Melting point: -17.5 ° C
Flash point: 120-121 ° C
Refractive index: n₂₀/D 1.3 (lit.)
Water solubility: miscible
Stability: Stable under normal temperatures and pressures.
Storage conditions: The warehouse is ventilated, low
temperature and dry, and stored and transported separately
from food, oxidants, and water-containing items
Steam density: 7 (vs air)
Vapor pressure: ~10 mm Hg (25 ° C)

**SECURITY
INFORMATION**

RTECS number: ET4025000
Safety instructions: S26-S36/37/39-S45
WGK Germany: 3
Hazard category code: R35
Customs code: 2915900090
Dangerous goods transport code: UN 3265 8/PG 2
Hazard category: 8
Packing level: II
Dangerous goods mark: C
Danger sign: GHS05
Signal word: Danger
Hazard prevention statement: P280; P305 + P351 + P338; P310
Hazard description: H314

PRODUCTION

use

METHODS AND

For biochemical research. Protein sequence analysis, organic synthesis, ester catalyst. Active agent. Acidulant.

APPLICATION
