



Technical Data Sheet

Product Name: 2-(Perfluorohexyl)ethyl Methacrylate

CAS No.: 2144-53-8

Molecular Formula: $\text{CF}_3\text{CF}_2(\text{CF}_2\text{CF}_2)_2\text{CH}_2\text{CH}_2\text{OC}(\text{O})\text{C}(\text{CH}_3)=\text{CH}_2$

Molecular Weight: 432



Physical & Chemical Properties:

Characteristic	Colorless to light yellow transparent liquid
pH Value(20°C)	6 ~ 7
Relative Density(25°C)	1.496 g/mL
Steam Density(Air=1)	> 1
Boiling Point(4mm Hg)	71°C
Melting Point	-33.39°C
Flashing Point	No data
Solubility	Soluble in carbon tetrachloride, ethanol, isopropanol, acetone, n-hexane, etc.
Water Solubility	Insoluble
Refractive Index(25°C)	1.3416
Spontaneous Ignition Point	Non-combustible



大连汉德姆精细化学品有限公司
DALIAN HANDOM CHEMICALS CO.,LTD.

Viscosity (45°C)	12 mPa.s
Combustibility	After spark or flame ignition test, it is flammable

Specifications:

Test Items	Specifications	
	First Grade	Premium Grade
Appearance	Colorless to light yellow transparent liquid	
Purity(C6)	≥97%	≥98%
Moisture	≤0.2%	≤0.2%
Others	<2.8%	<1.8%

Main Use:

2-(Perfluorohexyl)ethyl Methacrylate is an important intermediate for the production of surface protective agents, widely used in the fields of textiles, coatings and fluorine-containing surfactants.

Packaging: 250kg(200L) net steel-plastic composite drum.

Storage Conditions: Preserved in unopened original containers in a cool dry place, kept away from sunlight, heat and moisture.

Shelf Life: 24 months if stored under above conditions.