

Jiangsu Frechem Co., Ltd

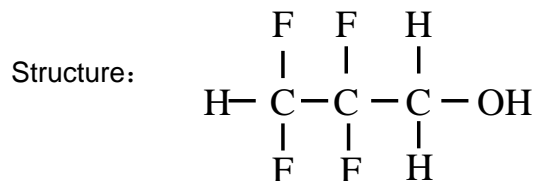
2,2,3,3-Tetrafluoro-Prapanol (TFP)

: : : Main Technical Properties: : :

Grade	Specification		
	Top Grade	First Grade	Qualified Grade
TFP (Vt%)	99.95	99.90	99.50
PH	5--8		
H ₂ O	≤0.015	≤0.020	≤0.025
F/mg/L	1.0	1.0	2.0

Note: Typical properties are not suitable for specification purposes

Molecular Formula: $C_3H_4F_4O$



Boiling point: 107-109°C

Physical state: Liquid

Packing: Special 200L steel barrel

Application: It has good dissolution property for many organic chemicals. It is widely used as dye solvent during the production of CD-ROM and DVDR. It is a colorless liquid, and will be decomposed to toxic matter in fire. It has weak irritant odor, and is irritant to respiratory tract. It should be stored in ventilation place and prevent from the direct sunshine.

EINECS: 200-955-5; HS code: 2905590090

Refractive index: 1.32-1.322

Flashing point: 43°C

Density: 1.471

Molecular weight: 132.06

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Specifications

2,2,3,3-Tetrafluoro-1-propanol 76-37-9 / TFP

1.CAS NO.:76-37-9

2. Chemical Formula:C3H4F4O

3.M.W.:132.06

1.Application

Used in organic synthesis.

2. Product Identification

Product Name: 2,2,3,3-Tetrafluoro-1-propanol

CAS#: 76-37-9

Synonym: 1H,1H,3H-TETRAFLUORO-1-PROPANOL 1,1,3H-PERFLUOROPROPANOL 1,1,3-TRIHYDROPERFLUORO-1-PROPANOL 1-PROPANOL, 2,2,3,3-TETRAFLUORO- 2,2,3,3-TETRAFLUORO-1-PROPANO 2,2,3,3-TETRAFLUORO-PROPANOL-1 2,2,3,3-TETRAFLUOROPROPYL ALCOHOLTETRAFLUOROPROPYL ALCOHOL TETRAFLUOROPROPYLALCOHOLTETRAFLUORO-1-PROPANOL 2,2,3,3-TETRAFLUOR-1-PROPANOL 2,2-DIMETHYLBUTANE-1,3-DIOL 2,2,3,3-TETRAFLUOROPROPAN-1-OL

Chemical Formula: C3H4F4O

3. Physical and Chemical Properties

Melting point -15°C

Flash Point 31°C

Boiling Point 109.5°C at 760 mmHg

Solubility in water Soluble

4.Stability

Stable under normal temperatures and pressures.

5. Storage

Store in a cool, ventilated warehouse. Away from fire and heat source. Prevent direct sunlight. Keep container sealed. Should be stored apart and oxidant, alkali, mixed reservoir of avoid by all means. Use explosion-proof lighting, ventilation facilities. Banning the use of easy to produce the spark of mechanical equipment and tools. Storage area should be equipped with emergency treatment equipment and suitable for material.

6.Handle

S16 away from fire. S26 of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37/39 wear suitable gloves and goggles or masks.

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