

HEXAFLUOROBUTANOL (HFB)



Manufacturer:
"HaloPolymer Perm", OJSC
QMS for production is certified: ISO 9001

CHEMICAL NAME: 2,2,3,4,4,4-Hexafluoro-1-butanol
SYNONYMS: Hexafluorobutyl alcohol
CHEMICAL FORMULA: $\text{CF}_3\text{CF}(\text{H})\text{CF}_2\text{CH}_2\text{OH}$
CAS: 382-31-0

Transparent, colorless liquid. Relates to easy flammable substances.



PHYSICAL-CHEMICAL PROPERTIES

PARAMETERS	UNITS	VALUE
Mass content of HFB (min)	%	94
Mass content of water (max)	%	0,5
Mass content of acids recalculated to hydrofluoric acid (max)	%	0,01
Mass content of impurities, identified with use of chromatography (max) includes isomer of HFB (max)	%	6,0 5,5
Boiling point	°C	114
Density	кг/м ³	1570
Molecular weight	-	182,08
Refractive index	-	1,3180
Flash point	°C	58
Temperature of autoignition	°C	456



Main application:

The product is used for synthesis of different fluoroorganic chemicals.



Package:

Hexafluorobutanol is packed into drums or canisters made of aluminum, steel or plastic. By agreement with customer it is allowed to pack product into other capacitances.



Transportation and storage:

Hexafluorobutanol is transported by any kind of ground or sea transport in covered vehicles. Product must be stored in covered stock, in accordance with rules of storage for easy flammable substances. Guaranteed storage time - 1 year from the date of production.