

Hydrofluoric acid 50%

Chemical formula: HF

Molar mass: 20,01 g/mol

CAS: 7664-39-3

EINECS: 231-634-8

A.G. (19110)

Appearance	clear colourless liquid
Assay	49,0 - 51,0 %
H ₂ SiF ₆	max. 0,1 %
Chloride (Cl ⁻)	max. 0,001 %
Sulfate (SO ₄ ²⁻)	max. 0,001 %
Sulfites (SO ₃ ²⁻)	max. 0,005 %
Fe (Iron)	max. 0,0005 %
Pb (Lead)	max. 0,0005 %

semiconductor grade (19120)

Appearance	clear colourless liquid
Assay	49,0 - 51,0 %
H ₂ SiF ₆	max. 0,09 %
Chloride (Cl ⁻)	max. 0,001 %
Sulfate (SO ₄ ²⁻)	max. 0,001 %
Sulfites (SO ₃ ²⁻)	max. 0,001 %
Cu (Copper)	max. 0,000005 %
Fe (Iron)	max. 0,00002 %
Pb (Lead)	max. 0,00005 %

Classification of the substance in accordance with Regulation (EC) No 1272/2008



Hazard statements: 330, 310, 300, 314

EUH statements:

Precautionary statements: 260, 280, 305+351+338, 301+310, 302+350, 304+340

Signal word: Danger

ADR/RID: 8 /CT1 /II

UN 1790