

h1>Hydrofluoric acid 40% AR [7664-39-3]



CAS number: **7664-39-3**

Summary formula: **HF**

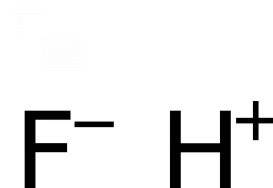
Molar mass: **20.01 g / mol**

Synonyms: **boric acid, orthoboric acid**

Translation [ENG]: **hydrofluoric acid**

Application: **Hydrofluoric acid is used for glass etching and the production of freons, forms an azeotropic mixture with water with a boiling point of 120 ° C and a concentration of 35.4%. In addition, it has a bactericidal effect, its diluted solutions are used for disinfection purposes (yeast industry).**

## VARIATIONS

Image	Price	Pack size
	£247,00 gross   £200,81 netto	10 L

## PRODUCT DESCRIPTION

**Hydrofluoric acid 40% AR [7664-39-3]**

Hydrofluoric acid is used for glass etching and the production of freons, forms an azeotropic mixture with water with a boiling point of 120 ° C and a concentration of 35.4%. In addition, it has a bactericidal effect, its diluted solutions are used for disinfection purposes (yeast industry).

Cleanliness 40%  
Heavy metals (as Pb) max. 0.0004%  
Chlorides (Cl) max. 0.001%  
Sulphates (SO<sub>4</sub>) max. 0.001%  
Copper (Cu) max. 0.000005%  
Sulfite (SO<sub>3</sub>) max. 0.001%  
Sulphated ash max. 0.001%  
H<sub>2</sub>SIF<sub>6</sub> max. 0.09%  
Boiling point: 106 ° C  
Solubility: mixes with water  
Application: electrical industry  
Appearance: clear, colorless smoking liquid

#### [Product specification](#)

#### **Hazard pictograms**

Labels for hazardous chemicals and mixtures that are part of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the shape of a square set on the top. They should contain a black symbol on a white background with a red border.

Priority rules to be observed in connection with the labeling of a substance:

- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosive effect, the exclamation mark pictogram should not be added if it concerns eye or skin irritation.
- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.

Source: [GHS pictograms](#)