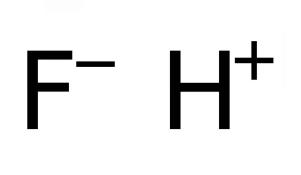


h1>Hydrofluoric acid 48% EL [7664-39-3]



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
$F^- \; H^+$	£17,10 gross   £13,90 netto	500 ml



lmage	Price	Pack size
F <sup>-</sup> H <sup>+</sup>	£36,10 gross   £29,35 netto	1 L
F <sup>-</sup> H <sup>+</sup>	£152,00 gross   £123,58 netto	5 L
F <sup>-</sup> H <sup>+</sup>	£304,00 gross   £247,15 netto	10 L

## **PRODUCT DESCRIPTION**

## **Hydrofluoric acid 48% EL [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 48%
Heavy metals (as Pb) max. 0.0004%
Chlorides (Cl) max. 0.001%
Sulphates (SO4) max. 0.001%



Copper (Cu) max. 0.000005% Sulfite (SO3) max. 0.001% Sulphated ash max. 0.001% H2SIF6 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