

HYDROCHLORIC ACID INHIBITED

TU 2458-030-13693708-2011

 **HaloPolymer**
www.halopolymer.com



Manufacturer:
"HaloPolymer Kirovo-Chepetsk", LLC
ISO 9001:2015

Synonyms: Muriatic acid; Hydrogen chloride, aqueous
Chemical formula: H₂O:HCl
CAS number: 7647-01-0
EC number: 231-595-7
HS code: 2806100000



Inhibited hydrochloric acid is a fuming liquid of light-yellow to brown colour with a strong irritating odour. It is non-combustible, explosion-proof and chemically stable under normal operating conditions. Infinite in water with slight evolution of heat.

PROPERTIES	UNITS	GUARANTEED VALUE	
		Grade A	Grade B
Mass fraction of hydrogen chloride	%, within	22-25	20-32
Mass fraction of hydrogen fluoride	%, max	none	
Mass fraction of iron	%, max	0.03	
Dissolution rate of steel St3 or o8 at 20 °C, max	g/(m ² ·h)	0.20	
Density at 20 °C	g/sm ³	1.05-1.17	1.10-1.20
Freezing point, max	°C	- 50	



Main applications:

The product is used in the chemical and oil industry, metallurgy and other industries as a raw material and reagent.



Package:

Steel 65 tn rail-tanks, 1,1 tn intermediate bulk containers, burrels 227 l, road tank cars.



Safety and Handling:

It is recommended to store the product in sealed containers made of materials resistant to hydrochloric acid (steel gummed or enameled inside, as well as lined with diabase or graphite-plastic tiles on the rubber underlayer) or any other material that provides resistance to acid. Before using, please read the Material Safety Data Sheet for getting information about the effects produced by the product on human health.



Guarantee storage life:

12 months from the date of manufacture.