

HYDROCHLORIC ACID INHIBITED

TU 2122-131-05807960-97 (1-8)



Manufacturer:
"HaloPolymer Perm", OJSC

QMS for production is certified: ISO 9001:2015
Certificate Registration No.: 12 100 55860 TMS

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 light-yellow to brown liquid 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. Soling or AS-CO inhibitors are used to obtain hydrochloric acid inhibited. By agreement with the consumer, the usage of other inhibitors is allowed.

PROPERTIES	UNITS	GUARANTEED VALUE
Mass fraction of hydrogen chloride, within	%	20-23
Mass fraction of hydrogen fluoride, max	%	0.5
Mass fraction of iron, max	%	0.03
Corrosion rate of steel St3 or o8 at 20°C, max	g/(m ² ·h)	0.20
Corrosion rate of steel St35 or o8 at 20°C, max	g/(m ² ·h)	5
Corrosion penetration rate St35 at 90°C, max	mm/year	10
Pour point, not higher	°C	-25
Density at 20°C, within	g /cm ³	1.1 - 1.2



Main applications:

The product is used for etching ferrous and non-ferrous metals and articles made of them, for acid treatment of oil wells, for chemical cleaning of boilers and machines from deposits of different composition.



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). Before using, please read the Material Safety Data Sheet.



Guarantee storage life:

Steel container - 1 month from the date of manufacture.

Hermetic container, resistant to hydrochloric acid - 12 months from the date of manufacture.