

Product name:

Perchloric acid 70%

Synonyms: PCA

CAS number: 7601-90-3

General information:		
	Chemical formula: HClO_4	Molar Mass: 100.46 g/mol
	Appearance: clear colorless liquid	Density: 1.68 g/cm ³ (20 °C)
	Solub. in water: miscible	Melting point: -18.0 °C
	Boiling point: 198.7 °C (1013 hPa)	Flash point: N/A
	Storage temp.: +15°C to +25°C	Cautions: oxidizing, corrosive
	R: N/A	S: N/A
	HS-No.: 2811 19 80	EC -Index-No.: 017-006-00-4

Hazard Symbol



Safety Information

Grade

ACS

Specification:				
Assay			69-72	%
Description			Conforms	
Color	≤		10	APHA
Residue after ignition	≤		0.003	%
Silicate and phosphate (as SiO_2)	≤		5	ppm
Chloride (Cl)	≤		0.001	%
Nitrogen compounds (as N)	≤		0.001	%
Sulfate (SO_4)	≤		0.001	%
Elemental Impurities & Heavy Metals			See COA	

Ordering code	1 L	2.5 L	5 L	10 L	20 L
P.E.					
Glass	256.16.01000.01	256.16.02500.01			