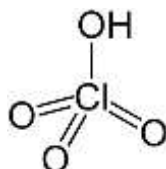


TIQ-F-QC-003
Rev.00**Technical Data Sheet****PERCHLORIC ACID SOLUTION 0.1 N in ACETIC ACID**

Perchloric acid solution 0.1 M (0.1 mol/L) in acetic acid Glacial



Product Code	I-9016	Grade	Standard Solution
Purity	0.1 N	CAS No	7601-90-3 mixture
Molecular Formula	HClO ₄	Molecular Weight	100,46 g/mol
H.S.Code	3822.9090	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	pH value	ca.0,1 at 20°C
Colour	Clear Colorless	Flash point [°C]	40 °C
Odour	Of acetic acid	Density [g/cm ³]	1.06 at 20 °C

Packaging

500 ml

Specification

Appearance	Clear colorless liquid
Normality ,c(HClO ₄) by Titration	0.1 N +/- 0.005 N
Odour	Characteristic odour
Water (by KF)	0.1 – 0.5 %

Safety Information and Hazard Symbols

Symbol: GHS02, GHS05

Signal Word: Danger

UN No.: 2789

IMCO Class No.: 8.3

Packing Group: II

Hazardous Statement: H226-H290-H314

Precaution Statement: P210-P280-P301+P330+P331-P305+P351+P338-P308+P310

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