



Product Specification

Product Name: PERCHLOROETHYLENE LR

Alternate Name(s) Tetrachloroethylene; ethylene tetrachloride; Nema; Tetropil; Perclene.

Description

Colourless liquid' mildly sweet, ethereal, resembling diethyl ether or chloroform odour.

Properties

Chemical Formula: C_2Cl_4

Molecular Weight: 165.83

Product Code: PL083

CAS No. 127-18-4

General Information:

Soluble in water, alcohol, ether, chloroform and benzene. Incompatible with strong acids, strong oxidising agents, strong bases, chemically active metals and liquid oxygen dinitrogen tetraoxide.

Hazard and Safety Data

UN Group: III
Class: 6.1
UN Number: 1897
Hazchem code: 2Z
CS MSDS Code: 1CH8C
Poison schedule: S6
Emergency
Procedure Guide No.: 37

Quality Specification

Assay: 98.0% min.

Specific Properties and Impurities [Typical levels]:

Colour (Hazen) ≤ 20
Residue on evaporation $\leq 0.001\%$
Distillation Range (@ 760 mm Hg 95% by volume) $\leq 122\text{ }^\circ\text{C}$
Alkalinity (as NaOH) $\leq 0.003\%$
Stability (as HCl) $\leq 0.02\%$

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