

Product Specification

Product Name: LACTIC ACID 88% w/w LR

Alternate Name(s) 2-Hydroxypropionic acid; 1-Hydroxyethanecarboxylic acid.

Description

Clear to slightly yellow liquid. Slight acid odour, similar to that of sour milk. Hygroscopic.

Properties

Chemical Formula: $\text{CH}_3\text{CH}(\text{OH})\text{COOH}$

Molecular Weight: 90.08

Product Code: LL008

CAS No. Lactic acid 79-33-4
Water 7732-18-5

General Information:

Soluble (syrupe) in water, alcohol, glycerol and furfural. Insoluble in chloroform, petroleum ether and carbon disulfide. Incompatible with strong alkalis, oxidising agents, reducing agents, iodides.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: N/A

CS MSDS Code: 1CH9D

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Assay: 88.0 % minimum

Specific Properties and Impurities [Typical levels]:

Chlorides (Cl)	≤ 0.001%
Sulfates (SO ₄)	≤ 0.25%
Heavy Metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 0.0005%

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