



Lactic Acid, 88%

Other Names

a-hydroxypropionic acid;milk acid

Description

None

Properties

- carbon disulfide. Cannot be distilled at atmospheric pressure without decomposition; when concentrated above 50% it is partially converted to lactic anhydride. It has one asymmetric carbon and two enantiomorphic isomers. The commercial form is a racemic mixture.
- petroleum ether
- and furfural; insoluble in chloroform
- glycerol
- Colorless or yellowish
- odorless
- hygroscopic
- syrupy liquid; bp 122C (15mm); mp 18C; d 1.2; miscible with water
- alcohol

Directions for use

Cultured dairy products, as acidulant, chemicals (salts, plasticizers, adhesives, pharmaceuticals), mordant in dyeing wool, general-purpose food additive, manufacture of lactates.

Hazard Warning

See MSDS; sometimes DOT regulated

Dosage

None

Packaging

250 kg drum