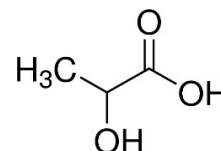




L-(+)-LACTIC ACID AR

PRODUCT CODE	R05785
SYNONYMS	(S)-2-Hydroxypropionic acid, Sarcolactic acid
C.I. NO.	N/A
CASR NO.	50-21-5
ATOMIC OR MOLECULAR FORMULA	CH ₃ .CHOH.COOH
ATOMIC OR MOLECULAR WEIGHT	90.08
PROPERTIES	Hygroscopic



PARAMETER	LIMIT
Description	A clear odourless syrupy liquid not more than 20 Hazen units in colour. 12-15% of the acid is normally present in the form of anhydrides.
Solubility	Miscible with water & absolute industrial methylated spirit forming clear & colourless solution.
Minimum Assay (Titrimetric after hydrolysis of anhydrides)	88.0%
Wt. per ml at 20°C	About 1.200 - 1.206 g

MAXIMUM LIMIT OF IMPURITIES

Sulphated ash	0.01%
Chloride (Cl)	0.001%
Sulphate (SO ₄)	0.005%
Arsenic (As)	0.00001%
Copper (Cu)	0.0001%
Iron (Fe)	0.0002%
Lead (Pb)	0.0001%
Reducing sugars	No reaction

Note(s): 1] Assay (if applicable) method mentioned.

DANGER

HAZARD STATEMENTS : Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eyedamage.

PRECAUTIONARY STATEMENTS :

Prevention : Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust or mist. Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. **Response :** Immediately call a POISON CENTER or doctor/physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Absorb spillage to prevent material damage. Wash contaminated clothing before reuse. Specific treatment: refer to Label or MSDS.

IMDG Code : 8/III
UN No. 3265
IATA : 8

Disposal:

Hazard Pictogram(s) :

Replace Date 1 April 2023

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