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Material Safety Data Sheet

Lactic Acid, 85% MSDS

Section 1: Chemical Product and Company Identification

Product Name: Lactic Acid, 85%

Contact Information:

ProChem, Inc.
826 Roosevelt Rd.
Rockford IL 61109

CAS#: 50-21-5

(800) 795-8788

RTECS: OD2800000

TSCA: TSCA 8(b) inventory: Lactic Acid

CI#: Not available.

CHEMTREC (24HR Emergency Telephone), call:
1-800-424-9300

Synonym: 2-Hydroxypropanoic Acid; 2-Hydroxypropionic acid; Racemic lactic acid; Ordinary lactic acid; Propanoic acid, 2-hydroxy-; Lactic Acid is a mixture of Lactic Acid (C₃H₆O₃) and Lactic Acid Lactate (C₆H₁₀O₅)

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Chemical Name: Lactic Acid

Chemical Formula: C₃H₆O₃

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Lactic Acid	50-21-5	81 - 90

Toxicological Data on Ingredients: Lactic Acid, : ORAL (LD50): Acute: 3543 mg/kg [Rat]. 4875 mg/kg [Mouse]. DERMAL (LD50): Acute: 2000 mg/kg [Rabbit].

Section 3: Hazards Identification

Potential Acute Health Effects:

Very hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (corrosive), of eye contact (corrosive). Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast.