

# **lactic acid** (*lac-tic-ac-id*)

## **Definition**

n. A colorless or yellowish, syrupy, water-soluble liquid,  $C_3H_6O_3$ , produced during muscle contraction as a byproduct of anaerobic glycolysis and also found in sour milk, cheese, and pickles.

## **Example Sentence**

During intense exercise, **lactic acid** builds up in the muscles, causing fatigue.

## **More Example Sentences**

**Lactic acid** is commonly used in the food industry as a preservative and flavoring agent.

## **Synonyms**

milk acid; hydroxypropanoic acid; alpha-hydroxy acid

## **Antonyms**

alkaline solution; base; neutral compound

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