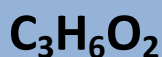




## Product Specification

### PROPIONIC ACID For Synthesis

PRODUCT CODE	029688
SYNONYMS	Methylacetic acid, Propanoic acid
C.I. NO.	N/A
CASR NO.	79-09-4
ATOMIC OR MOLECULAR FORMULA	C <sub>3</sub> H <sub>6</sub> O <sub>2</sub>
ATOMIC OR MOLECULAR WEIGHT	74.08
PROPERTIES	Combustible



PARAMETER	LIMIT
Description	A clear liquid, colour not more than 10 Hazen units.
Solubility	Miscible with water forming clear, colourless solution.
Minimum assay (By GC)	99.0%
Wt.per ml at 20°C	0.991 - 0.994 g
Boiling Range (138 - 142°C)	Min. 95.0%
Refractive Index (n) <sub>D</sub> <sup>20</sup>	1.386 - 1.388

**Note(s) : Assay (if applicable) method mentioned.**

#### DANGER

**HAZARD STATEMENTS :** Flammable liquid and vapour. Harmful if swallowed. Harmful in contact with skin. May be corrosive to metals. Causes severe skin burns and eye damage.

#### PRECAUTIONARY STATEMENTS :

**Prevention :** Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Wear protective gloves/clothing. Wear protective gloves/clothing and eye/face protection. Do not breathe dust or mist.

**Response :** Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Gently wash with plenty of soap and water. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment: refer to Label or MSDS. Absorb spillage to prevent material damage. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Call a POISON CENTER or doctor/physician if you feel unwell.

**Disposal :** Add in small quantities to large, stirred excess of water, keeping the final concentration less than 2%. Neutralize with 5% sodium hydroxide soln. and run to waste with large quantities of running water.

IMDG Code : 8/III  
UN No. : 1848  
IATA : 8

#### Hazard Pictogram(s) :



Flammable liquids



Corrosive to metals