

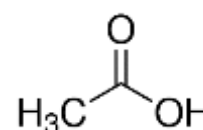


# Product Specification

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## ACETIC ACID GLACIAL FOR SYNTHESIS (MEETS ANALYTICAL SPECIFICATION OF IP)

PRODUCT CODE	027017
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	64-19-7
ATOMIC OR MOLECULAR FORMULA	CH <sub>3</sub> COOH
ATOMIC OR MOLECULAR WEIGHT	60.05
PROPERTIES	Combustible



### PARAMETER LIMIT

Description	A clear liquid, not more than 10 Hazen units in colour.
Solubility	Miscible with water forming a clear & colourless solution.
Minimum assay (acidimetric)	99.5%
Wt. per ml at 20°C	1.048 - 1.051 g
Freezing point	Min. 16.2°C

### MAXIMUM LIMIT OF IMPURITIES

Non volatile matter	0.01%
Chloride (Cl)	0.0005%
Sulphate (SO <sub>4</sub> )	0.0005%
Iron (Fe)	0.0001%
Lead (Pb)	0.0001%
Reducing substances	Passess test

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

#### HAZARD

**HAZARD STATEMENTS :** Flammable liquid and vapour. Harmful in contact with Harmful if inhaled. May be harmful if swallowed. May be corrosive to metals. : 8 Causes severe skin burns and eye damage. Causes serious eye damage. Harmful to aquatic life.

#### PRECAUTIONARY STATEMENTS :

**Prevention :** Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep container tightly closed. Keep only in original container. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

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

**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 : 3(8)/II  
UN No. : 2789  
IATA : 3 (8)

**Hazard pictogram(s) :**



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GHS02



GHS05

Replace Date 08-Jan-2026