

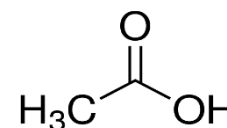


# Product Specification

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## ACETIC ACID GLACIAL (about 1.05) AR/ACS &P Test (MEETS ANALYTICAL SPECIFICATION OF BP, USP, Ph.Eur)



<b>PRODUCT CODE</b>	<b>450140</b>
<b>SYNONYMS</b>	<b>(Unaffected by chromic acid)</b>
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>64-19-7</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>CH<sub>3</sub>COOH</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>60.05</b>
<b>PROPERTIES</b>	<b>Combustible</b>
<b>PARAMETER</b>	<b>LIMIT</b>
Description	A clear colourless liquid, with a characteristic odour.
Solubility	Miscible with water forming a clear & colourless solution.
Identification	Passes test.
Minimum Assay (acidimetric)	99.7%
Wt. per ml at 20°C	1.048 - 1.050 g
Freezing Point	Not lower than 15.6°C
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Water	0.2%
Water insoluble matter	Passes test.
Non volatile matter	0.001%
Chloride (Cl)	0.0001%
Formate (HCOO)	0.01%
Sulphate (SO <sub>4</sub> )	0.0001%
Arsenic (As)	0.0001%
Iron (Fe)	0.00002%
Lead (Pb)	0.00005%
Copper (Cu)	0.0005%
Zinc (Zn)	0.0005%
Cadmium (Cd)	0.00001%
Indifference to chromic acid	Passes test.
P.No. Test	Passes test.
Acetaldehyde (CH <sub>3</sub> CHO)	0.0002%
Acetic Anhydride (CH <sub>3</sub> CO) <sub>2</sub> O	0.2%
<b>Note(s) : Assay (if applicable) method mentioned.</b>	





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<p><b>DANGER</b> <b>Note(s) : Assay (if applicable) method mentioned.</b> <b>HAZARD STATEMENTS :</b> Flammable liquid and vapour. Harmful in contact with skin. Harmful if inhaled. May be harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. . Causes serious eye damage. Harmful to aquatic life. <b>PRECAUTIONARY STATEMENTS :</b> <b>Prevention :</b> 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.</p>	<p>IMDG Code : 3(8)/II UN No. : 2789 IATA : 3(8)</p>
<p><b>Disposal :</b> 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</p>	
<p><b>Hazard pictogram(s) :</b></p> <div style="display: flex; justify-content: center; gap: 20px;"><div style="text-align: center;"> GHS02</div><div style="text-align: center;"> GHS05</div></div>	

Replace Date 24-July-2018