

ACETIC ACID GLACIAL MEETS TO IP TESTING SPECIFICATIONS

PRODUCT CODE		P01285
SYNONYMS		Ethanoic acid, Methanecarboxylic acid
C.I. NO.		N/A
CASR NO.		64-19-7
ATOMIC OR MOLECULAR FORMULA		CH ₃ COOH
ATOMIC OR MOLECULAR WEIGHT		60.05
PROPERTIES		Combustible
<chem>CC(=O)O</chem>		
PARAMETER		LIMIT
Description		A clear colourless liquid with a characteristic odour.
Solubility		Miscible with water forming a clear & colourless solution.
Identifications		
Identifications 'A'		Passes test
Identifications 'B'		Passes test
Assay (Acidimetric)		99.0 – 100.5% w/w
Freezing point		Min.14.8 °C
MAXIMUM LIMIT OF IMPURITIES		
Residue on evaporation		0.01%
Reducing substance		Not less than 1.0 ml of 0.1 M sodium thiosulphate solution is required
Heavy metals		0.0005%
Iron		0.0005%
Chlorides		0.0025%
Sulphates		0.005%
Note(s) : Assay (if applicable) method mentioned.		
DANGER HAZARD STATEMENTS : 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. 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		IMDG Code : 3(8)/II UN No. : 2789 IATA : 3(8)
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		
Hazard pictogram(s) :   GHS02 GHS05		