

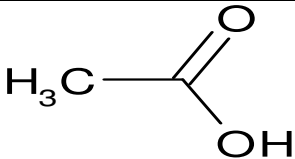


SDFCL
s d fine-CHEM LIMITED

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\D:\PS\20001XPS.xls
PRODUCT CODE	20001
PRODUCT NAME	ACETIC ACID GLACIAL SUPRAPURE & P-TEST (UNAFFECTED BY CHROMIC ACID) (MEETS ANALYTICAL SPECIFICATION OF IP, BP, USP, Ph.Eur)
SYNONYMS	N/A
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
	
PARAMETER	LIMIT
Description	A clear colourless liquid, with a characteristic odour.
Solubility	Miscible with water, with ethanol (96%), and with methylene chloride forming a clear & colourless solution.
Identification (A & B)	Passes test.
Assay (acidimetric)	99.8 – 100.5%
Wt.per ml at 20 °C	1.048 - 1.050 g
Freezing Point	Not lower than 15.6 °C
MAXIMUM LIMIT OF IMPURITIES	
Water	0.2%
Water insoluble matter	Passes test.
Non volatile matter	0.001%
Chloride (Cl)	0.0001%
Formate (HCOO)	0.01%
Sulphate (SO ₄)	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 ₃ CHO)	0.0002%		
Acetic Anhydride (CH ₃ CO) ₂ O	0.2%		
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 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 : 8/II UN No. : 2789 IATA : 8		
Hazard pictogram(s) :   Flammable liquids Corrosive to metals			
Prepared By : MANISH PATEL Name/Dept. : Sr.Officer (Q.A.) Sign. : Date : 18/05/2012	Checked By: K.B.DESAI Name/Dept. :Incharge(Q.A.) Sign. : Date : 18/05/2012	Approved By: S.S.TOLIA Name/Dept. : Incharge (Tech.) Sign. : Date : 28/05/2012	Issue Date : 01/07/2002 Revision No. : 04 Revision dt. : 28/05/2012 AMEND NO. : P092