

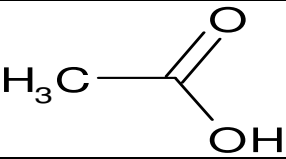


SDFCL
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Quality Control Dept.

Product Specification

E Control	QC2\DATAD\D:\PS\37013XPS.xls
PRODUCT CODE	37013
PRODUCT NAME	ACETIC ACID GLACIAL EXTRA PURE (Meets analytical specification of IP)
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 liquid, not more than 10 Hazen units in colour.
Solubility	Miscible with water, with ethanol (96%), and with methylene chloride forming a clear & colourless solution.
Identification (A & B)	Passes test.
Minimum assay (acidimetric)	99.5%
Wt.per ml at 20 °C	1.048 - 1.051 g
Freezing point	Min. 15.8 °C
MAXIMUM LIMIT OF IMPURITIES	
Non volatile matter	0.01%
Chloride (Cl)	0.0005%
Formic acid (HCOOH)	0.1%
Sulphate (SO ₄)	0.0005%
Arsenic (As)	0.0001%
Iron (Fe)	0.0001%
Lead (Pb)	0.0001%
Reducing substances	Passes test
Note(s) : Assay (if applicable) method mentioned.	
DANGER	
IMDG Code : 8/II	

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.			UN No. : 2789 IATA : 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) :  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