



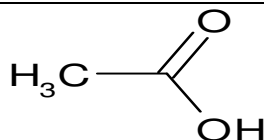
SDFCL
s d fine-chem limited

Quality Control Dept.



Product Specification

E Control	QC2\DATAD\D:\PS\20879XPS.xls
PRODUCT CODE	20879
PRODUCT NAME	ACETIC ACID GLACIAL DRY AR ($H_2O \leq 0.05\%$)
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	64-19-7
ATOMIC OR MOLECULAR FORMULA	$C_2H_4O_2$
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.
Minimum assay (acidimetric)	99.8%
Wt.per ml at 20 °C	1.048 - 1.050 g
Freezing Point	Not below 16.2 °C
MAXIMUM LIMIT OF IMPURITIES	
Water	0.05%
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)	0.00005%
Iron (Fe)	0.00002%
Lead (Pb)	0.00001%
Copper (Cu)	0.00001%
Zinc (Zn)	0.00001%
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.

IMDG Code : 8/II
UN No. : 2789
IATA : 8

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.

Hazard pictogram(s) :



Flammable liquids Corrosive to metals

Prepared By : MANISH PATEL	Checked By: K.B.DESAI	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
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