



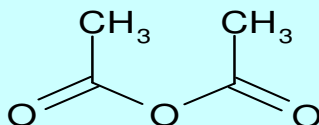
SDFCL
s d fine-CHEM limited
Quality Control Dept.



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Product Specification

E Control	QC2\DATAD\ID\PS\20002XPS.xls
PRODUCT CODE	20002
PRODUCT NAME	ACETIC ANHYDRIDE AR, ACS, ISO
SYNONYMS	--
C.I. NO.	--
CASR NO.	(108-24-7)
ATOMIC OR MOLECULAR FORMULA	(CH ₃ CO) ₂ O
ATOMIC OR MOLECULAR WEIGHT	102.09
PROPERTIES	Strongly refractive liquid; decomposes in hot water to form acetic acid. Combustible.



PARAMETER	LIMIT
Description	A clear colourless to almost colourless liquid with a pungent odour.
Solubility	20% solution in hot water is clear and colourless.
Minimum Assay (By Acid-base titration)	98.0%
Wt. per ml at 20°C	1.079 - 1.082 g
Substance reducing permanganate	Max. 0.01%
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	Passes test.
Non volatile matter	0.0025%
Chloride (Cl)	0.0002%
Phosphate (PO ₄)	0.001%
Sulphate (SO ₄)	0.0005%
Copper (Cu)	0.0001%
Iron (Fe)	0.0001%
Lead (Pb)	0.0001%

Note(s) : Assay (if applicable) method mentioned.

DANGER

Hazard statements : Flammable liquid and vapour. Toxic if inhaled. Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage.

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. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. 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. Rinse mouth. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

IMDG Code : 8/II
UN No. : 1715
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 volumes of running water.

Hazard Pictogram(s) :



 Flammable liquids		 Acute toxicity	 Corrosive to metals
Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 03
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. : 1554

