

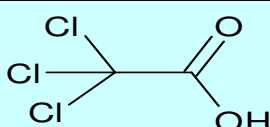


SDFCL
s d fine-CHEM limited



Quality Control Dept.

Product Specification

E Control	QC2\DATAD\ID\PS\20286XPS.xls		
PRODUCT CODE	20286		
PRODUCT NAME	TRICHLOROACETIC ACID AR, ACS Meets analytical specification of BP, Ph. Eur.		
SYNONYMS	TCA ; 2,2,2 - Trichloroacetic acid.		
C.I. NO.	--		
CASR NO.	(76-03-9)		
ATOMIC OR MOLECULAR FORMULA	CCl ₃ COOH		
ATOMIC OR MOLECULAR WEIGHT	163.39		
PROPERTIES	Hygroscopic		
			
PARAMETER	LIMIT		
Description	White, crystals or colourless crystals, very deliquescent with a pungent odour.		
Clarity of solution	Passes test.		
Identification (A,B,C)	Passes tests.		
Minimum Assay (Acidimetric)	99.5%		
Melting point	54 °- 58 °C		
Residue after ignition (as sulphated ash)	Max. 0.03%		
MAXIMUM LIMIT OF IMPURITIES			
Insoluble matter	0.01%		
Chloride (Cl)	0.001%		
Nitrate (NO ₃)	0.002%		
Phosphate (PO ₄)	0.0005%		
Sulphate (SO ₄)	0.02%		
Copper (Cu)	0.0005%		
Iron (Fe)	0.001%		
Heavy metals (as Pb)	0.002%		
Substances darkened by Sulphuric acid	Passes test.		
Note(s) : Assay (if applicable) method mentioned.			
DANGER Hazard statements : May be corrosive to metals. Causes severe skin burns and eye damage. Very toxic to aquatic life with long lasting effects . Precautionary statements Prevention: Do not breathe dust or mist. Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection. Response: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Wash contaminated clothing before reuse. 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. Absorb spillage to prevent material damage. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/ shower. Specific treatment: refer to Label or MSDS			IMDG Code : 8/II UN No. : 1839 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) :			
 			
Corrosive to metals Aquatic environment			
Prepared By :	Checked By:	Approved By:	Issue Date : 07.05.2005
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 03
Sign. :	Sign. :	Sign. :	Revision dt. : 10.10.2011
Date : 01.10.2011	Date : 01.10.2011	Date : 10.10.2011	AMEND NO. :1597

