



SDFCL
s d fine-CHEM limited
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\IPS\38197XPS.xls		
PRODUCT CODE	38197		
PRODUCT NAME	DICHLORODIMETHYL SILANE EXTRAPURE		
SYNONYMS	(Repelsilane), (Dimethyldichlorosilane)		
C.I. NO.	--		
CASR NO.	(75-78-5)		
ATOMIC OR MOLECULAR FORMULA	C ₂ H ₆ Cl ₂ Si		
ATOMIC OR MOLECULAR WEIGHT	129.06		
PROPERTIES	Reacts with water to form complex mixture of dimethylsiloxanes and liberates hydrogen chloride.		
Cl H₃C—Si—CH₃ Cl			
PARAMETER	LIMIT		
Description	Colourless to nearly colourless liquid.		
Solubility	Soluble in benzene and ether.		
Minimum Assay(By GC)	98.0%		
Wt. per ml at 20°C	1.070 - 1.072 g		
Boiling Range (68 – 70°C)	Min. 95.0%		
Refractive Index	1.402 - 1.406		
MAXIMUM LIMIT OF IMPURITIES			
Note(s) : Assay (if applicable) method mentioned.			
DANGER Hazard statements: May cause respiratory irritation. Highly flammable liquid and vapour. Toxic if inhaled. Causes skin irritation. Causes serious eye irritation PRECAUTIONARY STATEMENTS Prevention: Use only outdoors or in a well ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray. Use only non-sparking tools. Wash thoroughly after handling. Wash hands thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapours/spray. Ground/bond container and receiving equipment. Keep container tightly closed. Keep away from heat/sparks/open flame.No smoking. Wear protective gloves and eye/face protection. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/ lighting /equipment Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician. IF ON SKIN: Gently wash with plenty of soap and water. Wear eye/face protection. If eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. if present and easy to do. Continue rinsing. Wash/Decontaminate removed clothing before reuse. In case of fire, use foam for extinction. Specific treatment: refer to Label or MSDS. In case of fire, use dry agent for extinction. Absorb spillage to prevent material damage.Call a POISON CENTER or doctor/physician if you feel unwell. Remove/Take off immediately all contaminated clothing. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower.		IMDG Code :3/II UN No. :1162 IATA :3	
Disposal: Dispose of contents and container in accordance with relevant legislation.			
Hazard Pictogram(s) :			
Flammable Acute toxicity			
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.: 02
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. :1554

