



SDFCL
s d fine-CHEM limited

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\D:\PS\37420XPS.xls		
PRODUCT CODE	37420		
PRODUCT NAME	BORONTRIFLUORIDE ETHYL ETHER COMPLEX		
SYNONYMS	Boron trifluoride ethyl etherate		
C.I. NO.	N/A		
CASR NO.	109-63-7		
ATOMIC OR MOLECULAR FORMULA	C ₄ H ₁₀ BF ₃ O		
ATOMIC OR MOLECULAR WEIGHT	141.93		
PROPERTIES	Highly hygroscopic, Flammable, Corrosive		
CH₃CH₂OCH₂CH₃BF₃			
PARAMETER	LIMIT		
Description	Colourless to amber coloured fuming liquid.		
Assay (BF ₃)	~ 50.0%		
Wt. per ml at 20°C	1.128 - 1.130 g		
Note(s) : Assay (if applicable) method mentioned.			
DANGER HAZARD STATEMENTS : Highly flammable liquid and vapour. May be corrosive to metals. Causes severe skin burns and eye damage. PRECAUTIONARY STATEMENTS : Prevention : Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust or mist. Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Wear protective gloves and eye/face protection. Response : Immediately call a POISON CENTER or doctor/physician. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wash contaminated clothing before reuse. Specific treatment: refer to Label or MSDS. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use dry agent for extinction. In case of fire, use foam for extinction. Absorb spillage to prevent material damage. Disposal : Chemical to be disposed should be added to large excess of 2% sodium hydroxide solution in a fume extraction hood. Allow hydrolysis to complete for at least 48 hours(pH<9). After neutralization, flush it to drain with large amounts of water.			
IMDG Code : 8/1 UN No. : 2604 IATA : 8			
Hazard pictogram(s) :  Flammable liquids  Hazardous to the aquatic environment			
Prepared By :VINOD PATEL	Checked By :RAJU VYAS	Approved By: S.S.TOLIA	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. : 07/08/2010
Date : 05/08/2010	Date : 05/08/2010	Date : 07/08/2010	AMEND NO. : P062