



Product Specification

E Control	QC2\DATAD\D:\PS\36099XPS.xls
PRODUCT CODE	36099
PRODUCT NAME	FLUOROBORIC ACID ABT. 40% LR
SYNONYMS	Tetrafluoboric acid abt. 40%
C.I. NO.	N/A
CASR NO.	16872-11-0
ATOMIC OR MOLECULAR FORMULA	HF ₄
ATOMIC OR MOLECULAR WEIGHT	87.81
PROPERTIES	

HF₄

PARAMETER	LIMIT
Description	Clear and colourless liquid.
Solubility	Miscible with water.
Assay	38.5 – 42.5%
Sulphate (SO ₄)	Max. 0.2%
Iron (Fe)	Max. 0.05%
Hexafluorosilicate (SiF ₆)	Max. 0.2%
Residue on ignition (as Sulphate)	Max. 0.1%
Heavy metals (Pb)	Max. 0.005%

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

DANGER

HAZARD STATEMENTS : Toxic if swallowed. May be corrosive to metals.
Causes severe skin burns and eye damage .

PRECAUTIONARY STATEMENTS :

Prevention : Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection. Wash hands thoroughly after handling. Do not breathe dust or mist.
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 SWALLOWED: Rinse mouth. Do NOT induce vomiting. 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. IF SWALLOWED: 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. : 1775
IATA : 8

Disposal : ---

Hazard pictogram(s) :



Acute toxicity



Corrosive to metals

Prepared By : DINESH	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. : 01
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