



Product Specification

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FLUOSILICIC ACID FOR SYNTHESIS

PRODUCT CODE	095735	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	16961-83-4	
ATOMIC OR MOLECULAR FORMULA	H₂SiF₆	H₂SiF₆
ATOMIC OR MOLECULAR WEIGHT	144.09	
PROPERTIES	--	
PARAMETER	LIMIT	
Description	Clear to slightly hazy, colourless liquid.	
Solubility	Miscible with water.	
Assay (Aqueous acid base titration)	33-37% w/w	
Wt. per ml at 20°C	About 1.320 g	
Boiling Point	108-109°C	
MAXIMUM LIMIT OF IMPURITIES		
Chloride (Cl)	0.2%	
Sulphate (SO ₄)	0.2%	
Phosphate (PO ₄)	0.1%	
Iron (Fe)	0.01%	
Heavy Metals (as Pb)	0.003%	

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. Harmful to aquatic life with long lasting effects. Precautionary statements Prevention: Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. 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. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Absorb spillage to prevent material damage. Disposal: Dispose of contents and container in accordance with relevant legislation.	IMDG Code : 8/II UN No. : 1778 IATA : 8
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Hazard Pictogram(s) :--



GHS06



GHS05