



## Product Specification

### FLUOSILICIC ACID FOR SYNTHESIS

<b>PRODUCT CODE</b>	<b>095735</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>16961-83-4</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>H<sub>2</sub>SiF<sub>6</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>144.09</b>
<b>PROPERTIES</b>	--



<b>PARAMETER</b>	<b>LIMIT</b>
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 <sub>4</sub> )	0.2%
Phosphate (PO <sub>4</sub> )	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 : --

UN No. : --

IATA : --

Hazard Pictogram(s) :--



GHS06



GHS05