

# Fluosilicic Acid 40%

## Properties

|                  |                                                |
|------------------|------------------------------------------------|
| Formula          | H <sub>2</sub> SiF <sub>6</sub>                |
| Appearance       | Clear Colourless Solution                      |
| Molecular weight | 144.08                                         |
| Specific Gravity | 1.33 – 1.34 (35% Sol)<br>1.37 – 1.39 (40% Sol) |
| Self Life        | 24 Months                                      |

## Specification

|                 | 35% conc. | 40% conc. |
|-----------------|-----------|-----------|
| Assay           | 35% min   | 40% min.  |
| Free HF         | 0.20% max | 0.20% max |
| SO <sub>4</sub> | 0.05% max | 0.05% max |
| Heavy Metal     | 0.02% max | 0.02% max |
| Fe              | 0.02% max | 0.02% max |

## Applications

- Water fluoridation
- Surface treatment of metals
- In electrolytic refining of lead
- In the manufacture of metallic fluosilicates
- Wood preservative

## Packing

25 Kgs & 40Kgs HDPE Carboys.

## Product Safety Information

Fluosilicic Acid will cause severe irritation of burns to eyes and skin. It is toxic if inhaled or ingested. This product is not for food or drug use.



# SRIRAM FLUORINE CHEMICALS

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