

Product Data Sheet

Fluorosilicic Acid

Hydrofluorosilicic Acid
Hexafluorosilicic Acid

Formula: H_2SiF_6
CAS Number: 16961-83-4

Chemical Analysis

Assay (H_2SiF_6)
Free Acid (expressed as HF)

Specification

23.00 % min.
<1.00 %
Meets AWWA Standard B703-08a
Meets NSF/ANSI-60 Standard

Physical Properties

Description Colorless to straw yellow liquid
Molecular Weight 144.08
Specific Gravity 1.23 ($H_2O = 1$) @ 25%
Bulk Density 10.25 pounds per gallon @ 25%

Packaging

Bulk Rail Cars 100 tons net weight
Bulk Tank Trucks 20-25 tons net weight
Plastic Drums 250 Kg (551 Pounds) net weight

Freight Description

Shipping Name UN/DOT: Fluorosilicic Acid
Hazard Classification UN/DOT 8 (Corrosive)
UN/DOT Number: UN1778
Packing Group: II
Labels: Corrosive

The information presented herein is based on data considered to be accurate and that reflects the requirements of the OSHA Hazard Communication Standards in effect as of the date of preparation of this Product Specification Sheet. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.