



Specialized in chemicals

Hefei TNJ Chemical Industry Co.,Ltd.

D1508 Xincheng Business Center,
Qianshan Road, Hefei 230022 China

Tel : (0086) 551 65418678

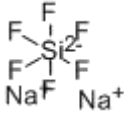
Fax: (0086) 551 65418697

Email: info@tnjchem.com

Site: www.tnjchem.com

Technical Data Sheet

Basic information

Chemical name	Sodium fluorosilicate	Formula	F ₆ Na ₂ Si
Synonyms	destruxolapplex;disodiumhexafluorosilicate	Chemical structure	
CAS.No.	16893-85-9		
EINECS No.	240-934-8		
Molecular weight	188.06		

Physical properties

Appearance	White free flowing power
Density,20°C, g/cm ³	2.68
Boiling point,°C	Not available
Melting point,°C	Not available
Flash point,°C	Not available
Refractive index	1.310
Solubility	Dissolved poorly in water and can't be dissolved in ethanol

Specification

Items	Specification
Assay,%	≥99.0
Loss of weight on drying at 105°C,%	≤0.30
Free acid(as HCl),%	≤0.10
Chlorides(as Cl),%	≤0.10
Sulphate(SO ₄ ²⁻),%	≤0.25
Iron(Fe),%	≤0.02
Water-insoluble matter,%	≤0.5
Heavy metal(as Pb),%	≤0.01
Particale Size Distribution,	/
Passing through 420 micron (40 mesh) sieve,%	≥98.0
Passing through 250 micron (60 mesh) sieve ,%	≥90.0
Passing through 150 micron (100 mesh) sieve ,%	≥90.0
Passing through 74 micron (200 mesh) sieve ,%	≥30.0
Passing through 44 micron (325 mesh) sieve,%	≤25

Application

As opacifying agent for vitreous enamels and opalescent glass. As coagulant for latex. In zirconia pigments.

In the manufacture of frits and ceramic enamels.As a preservative agent of wood.

As a flux in melting of light metals.

As an acidifying agent in the textile industry. In the pharmaceutical industry.

Package

- 25kg/bag, 25mt per 20'ft;



Safety on transportation

It belongs to Hazard class 6.1 goods, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, in no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

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