NABCB
QM024
ISO 9001 : 2000
Cert. No. 07G-0288

S. B. CHEMICALS
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SPECIFICATION

Name of Product	:	Sodium Silico Fluoride
Formula	:	Na_2SiF_6
Mol. Wt	:	188
CAS No.	:	16893-85-9
UN No.	:	2674

PHYSICAL PROPERTIES

Appearance	:	White free flowing powder
Solubility	:	0.64g/100g water at 20°C
Decomposition Temp.	:	Starts at 500 oC
Sieve Grading/Density	:	
- 60 BSS (251 μm)	=	100 %

CHEMICAL PROPERTIES

% Na_2SiF_6	:	98.50 % Min.
% Fluorine as F	:	60.00 % Min.
% Sodium as Na	:	24.00 % Min.
% Si	:	15.00 % Min.
% Moisture	:	00.10 % Max.
% Iron as Fe_2O_3	:	00.10 % Max.
% Silica as SiO_2	:	00.10 % Max

PACKING

25 / 50 Kg plastic woven bags with liner / Bulk packing of 1 MT

APPLICATION

Sodium Silico Fluoride salts show similar application with sodium fluoride in the field of laundry souring, manufacturing enamels, manufacturing coated papers, wood preservative , foam production, opal glass, ore flotation and water fluoridation, in metallurgical applications such as foundry additives for aluminum foundry, cover flux, Si addition to aluminium, filler for bonded abrasives.