

# SODIUM FLUORIDE



## General Information

Chemical Formula	NaF	<b>Na - F</b>
Synonym	Fluoride	
Origin	China	
H.S. Code	2826.11	
CAS No.	7681-49-4	
Molecular Weight	41.99 g mol <sup>-1</sup>	

## Application

Dental hygiene products	It is used in toothpaste and various other dental hygiene products to prevent dental decay.
Water treatment	It is used in public water treatment systems.
Pesticides	It is commonly used in pesticides, including fungicides and insecticides.
Preservatives	It is used as a preservatives in various types of adhesives and glues.
Others	It is used in steel & aluminium production, glass frosting, stainless steel pickling and wood preservatives.

## Specification

Property	Units	Value
Appearance		White odorless powder or crystal
Assay (NaF)	%	98.0 (min)
Free acid (HF)	%	0.1 (max)
Silica (SiO <sub>2</sub> )	%	0.5 (max)
Sulfates	%	0.3 (max)
Water insolubles	%	0.5 (max)
Sieve analysis	%	98 min (mesh 20), 5 max (mesh 325)
Heavy metals (as Pb)	ppm	10.0 (max)
Free Alkali (as Na <sub>2</sub> CO <sub>3</sub> )	%	0.5 (max)
pH		7.4

## Packaging

- 1000 @ 25 kg in PP/PE bags, 25 MT/20'FCL

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