




# Product Specification

cdhfinechemical.com

## SODIUM FLUORIDE AR

PRODUCT CODE		643105	
SYNONYMS		--	
C.I. NO.		--	
CASR NO.		(7681 -49-4)	
ATOMIC OR MOLECULAR FORMULA		NaF	
ATOMIC OR MOLECULAR WEIGHT		41.99	
PROPERTIES		Soluble in water, insoluble in alcohol.	
PARAMETER		LIMIT	
Description		A white powder.	
Solubility		2% solution in water is clear and colourless.	
Minimum Assay (Ion exchange)		99.0%	
MAXIMUM LIMIT OF IMPURITIES			
Loss on drying (at 105°C)		0.2%	
Insoluble matter		0.01%	
Acidity (HF)		0.05%	
Alkalinity (NaOH)		0.04%	
Chloride (Cl)		0.005%	
Sulphate(SO <sub>4</sub> )		0.01%	
Sulphite (SO <sub>3</sub> )		0.005%	
Fluorosilicate (SiF <sub>6</sub> )		0.1%	
Iron (Fe)		0.004%	
Lead (Pb)		0.0005%	
Note(s) :Assay (if applicable) method mentioned.			
<b>DANGER</b> <b>Hazard statements</b> :May cause respiratory irritation. Toxic if swallowed. Causes skin irritation.Causes serious eye irritation <b>Precautionary statements</b> <b>Prevention</b> :Wash hands thoroughly after handling. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. <b>Response</b> :IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN: Gently wash with plenty of soap and water. If eye irritation persists, get medical advice/ attention. Wear eye/face protection. If skin irritation occurs, seek medical advice/attention. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. Wash/Decontaminate removed clothing before reuse. Remove/Take off immediately all contaminated clothing		IMDG Code : 6.1/III UN No. : 1690 IATA : 6.1	
<b>Disposal</b> : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.			
Hazard Pictogram(s) :--			
<div></div> <div>GHS06</div>			

Replace Date 10-Jan-2026