

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	NaF 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 ₄)	0.01%
Sulphite (SO ₃)	0.005%
Fluorosilicate (SiF ₆)	0.1%
Iron (Fe)	0.004%
Lead (Pb)	0.0005%
Note(s) : Assay (if applicable) method mentioned.	
DANGER	
Hazard statements : May cause respiratory irritation. Toxic if swallowed. Causes skin irritation. Causes serious eye irritation	IMDG Code : 6.1/III
Precautionary statements	UN No. : 1690
Prevention : Wash hands thoroughly after handling. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.	IATA : 6.1
Response : 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	
Disposal : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.	
Hazard Pictogram(s) :--	 GHS06

Replace Date 10-Jan-2026