



Product Specification

cdhfinechemical.com

SODIUM NITRITE AR

PRODUCT CODE	645080	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(7632-00-0)	
ATOMIC OR MOLECULAR FORMULA	NaNO ₂	NaNO₂
ATOMIC OR MOLECULAR WEIGHT	69.00	
PROPERTIES	Hygroscopic , oxidizes on exposure to air.	
PARAMETER	LIMIT	
Description	White or pale yellow hygroscopic crystals/crystalline powder.	
Solubility	10% solution in water is clear and bright.	
Minimum Assay (ex NO ₂ , Oxidimetric)	98.0%	
MAXIMUM LIMIT OF IMPURITIES		
Insoluble matter	0.003%	
Chloride (Cl)	0.005%	
Sulphate (SO ₄)	0.005%	
Calcium (Ca)	0.002%	
Copper (Cu)	0.0005%	
Iron (Fe)	0.001%	
Lead (Pb)	0.0005%	
Note(s) : Assay (if applicable) method mentioned.		
DANGER		IMDG Code : 5.1/III
Hazard statements :May cause respiratory irritation. May intensify fire; oxidizer. Fatal ifinhaled. Fatal if swallowed. Causes mild skin irritation. Causes serious eye irritation. Maycause allergic skin reaction. Very toxic to aquatic life.		UN No. : 1500
Precautionary statements		IATA : 5.1
Prevention :Wash hands thoroughly after handling. Use only outdoors or in a wellventilated area. Avoid breathing dust/fume/gas/mist/ vapours/spray. Do not breathe dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Keepaway from heat. Contaminated clothing should not be allowed out of the workplace. Wearrespiratory protection. Take any precaution to avoid mixing with combustible or incompatiblematerials.		
Response :Keep container tightly closed. Wash contaminated clothing before reuse. Ifeye irritation persists, get medical advice/attention. If skin irritation or rash occurs, seekmedical advice/attention. Wear eye/face protection. IF IN EYES: Rinse cautiously with waterfor several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Ifskin irritation occurs, seek medical advice/attention. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. IF ON SKIN: Gently wash with plenty of soap and water. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.		
Disposal : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.		



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Hazard Pictogram(s) :



GHS03



GHS06



GHS09