



SDFCL
s d fine-CHEM LIMITED



Quality Control Dept.

Product Specification

E Control	QC2\DATAD\D:\PS\20256XPS.xls
PRODUCT CODE	20256
PRODUCT NAME	SODIUM NITRITE AR
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7632-00-0)
ATOMIC OR MOLECULAR FORMULA	NaNO ₂
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

Hazard statements : May cause respiratory irritation. May intensify fire; oxidizer. Fatal if inhaled. Fatal if swallowed. Causes mild skin irritation. Causes serious eye irritation. May cause allergic skin reaction. Very toxic to aquatic life.

Precautionary statements

Prevention : Wash hands thoroughly after handling. Use only outdoors or in a well ventilated 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. Keep away from heat. Contaminated clothing should not be allowed out of the workplace. Wear respiratory protection. Take any precaution to avoid mixing with combustible or incompatible materials.

Response : Keep container tightly closed. Wash contaminated clothing before reuse. If eye irritation persists, get medical advice/attention. If skin irritation or rash occurs, seek medical advice/attention. Wear eye/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin 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.

IMDG Code : 5.1/III
UN No. : 1500
IATA : 5.1

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) :



Oxidising



Acute toxicity



Aquatic environment

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 02
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