



SDFCL
s d fine-chem limited

Quality Control Dept.



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Product Specification

E Control	QC2\DATAD\D:\PS\20255XPS.xls
PRODUCT CODE	20255
PRODUCT NAME	SODIUM NITRATE AR
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7631-99-4)
ATOMIC OR MOLECULAR FORMULA	NaNO ₃
ATOMIC OR MOLECULAR WEIGHT	84.99
PROPERTIES	Saline, slightly bitter taste. Decomposes at 380 °C.

NaNO₃

PARAMETER	LIMIT
Description	Colourless deliquescent crystals/crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (ex NO ₃)	99.5%
pH (5% aqueous solution)	5.0 - 7.5
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.003%
Chloride (Cl)	0.0005%
Iodate (IO ₃)	0.0005%
Nitrite (NO ₂)	0.001%
Phosphate (PO ₄)	0.0002%
Sulphate (SO ₄)	0.003%
Arsenic (As)	0.00004%
Calcium (Ca)	0.002%
Copper (Cu)	0.0002%
Iron (Fe)	0.0002%
Lead (Pb)	0.0002%

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements : May cause respiratory irritation. May intensify fire; oxidizer. Harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Keep away from heat. Take any precaution to avoid mixing with combustible or incompatible materials.

Response : If skin irritation occurs, seek medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. Wear eye/face protection. Specific treatment: refer to Label or MSDS.

IMDG Code :5.1/III
UN No. :1498
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) :



Skin irritation



Oxidising

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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