



SDFCL
S D FINE-CHEM LIMITED

Quality Control Dept.



Product Specification

E Control	QC2\DATAD\ID\IPS\40220XPS.xls
PRODUCT CODE	40220
PRODUCT NAME	SODIUM SILICATE (META) NONAHYDRATE LR
SYNONYMS	(Sodium metasilicate)
C.I. NO.	--
CASR NO.	(13517-24-3)
ATOMIC OR MOLECULAR FORMULA	Na ₂ SiO ₃ .9H ₂ O
ATOMIC OR MOLECULAR WEIGHT	284.2
PROPERTIES	Noncombustible.



PARAMETER	LIMIT
Description	White crystals. (Moistened).
Solubility	Soluble in mixture of water and hydrochloric acid.
Assay (Acidimetric)	99.0 - 112.5%
Na ₂ O content	21.70 - 23.70 %
SiO ₂ . content	21.80 - 23.80%

MAXIMUM LIMIT OF IMPURITIES

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

WARNING

Hazard statements : May cause respiratory irritation. Harmful if swallowed. Causes skin irritation. May be corrosive to metals.

Precautionary statements

Prevention : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wash thoroughly after handling.

Response : Wash/Decontaminate removed clothing before reuse. Remove/Take off immediately all contaminated clothing. IF ON SKIN: Gently wash with plenty of soap and water. If skin irritation occurs, seek medical advice/attention. Specific treatment: refer to Label or MSDS. Absorb spillage to prevent material damage.

IMDG Code : 8/III
UN No. : 3253
IATA : 8

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :



Corrosive to metals

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.: 04
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