



SDFCL
s d fine-CHEM LIMITED

Quality Control Dept.



Qu Product Specification

E Control	QC2\DATAD\D:\PS\20252XPS.xls
PRODUCT CODE	20252
PRODUCT NAME	SODIUM HYDROXIDE PELLETS AR Meets analytical specification of BP, USP-NF, Ph. Eur.
SYNONYMS	Caustic soda.
C.I. NO.	--
CASR NO.	(1310-73-2)
ATOMIC OR MOLECULAR FORMULA	NaOH
ATOMIC OR MOLECULAR WEIGHT	40.00
PROPERTIES	Absorbs water and carbon dioxide from the air. Hygroscopic.

NaOH

PARAMETER	LIMIT
Description	White deliquescent pellets.
Solubility	10% solution in water is clear.
Identification	Passes test
Minimum Assay (Acidimetric)	98.0%
Appearance of solution	10% solution in water is clear and colourless.
MAXIMUM LIMIT OF IMPURITIES	
Insoluble substances and organic matter	Passes test.
Insoluble matter	0.01%
Carbonate (Na_2CO_3)	1.0%
Chloride (Cl)	0.005%
Nitrogen compound (N)	0.0005%
Phosphate (PO_4)	0.001%
Silicate (SiO_2)	0.01%
Sulphate (SO_4)	0.005%
Aluminium (Al)	0.001%
Arsenic (As)	0.00004%
Calcium (Ca)	0.002%
Copper (Cu)	0.0005%
Heavy metal ((pb)	0.002%
Iron (Fe)	0.001%
Lead (Pb)	0.001%
Magnesium (Mg)	0.0005%
Nickel (Ni)	0.001%
Potassium (K)	0.1%
Zinc (Zn)	0.001%

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

DANGER

Hazard statements : May be corrosive to metals. Causes severe skin burns and eye damage.

Precautionary statements

Prevention : Do not breathe dust or mist. Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection.

Response : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment: refer to Label or MSDS. Absorb spillage to prevent material damage. Immediately call a POISON CENTER or doctor/physician. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower.

IMDG Code :- 8/II

UN No. :- 1823

IATA :- 8

Disposal: The chemical is disposed off by its slow addition to an excess of water. The final concentration should not be greater than 2% .Neutralize with 5% hydrochloric acid and run to waste with large quantities of running water.

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.: 02
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. :1554

