



Product Specification

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SODIUM HYDROXIDE PELLETS AR Meets analytical specification of BP, USP- Ph. Eur.

PRODUCT CODE	643525	
SYNONYMS	Caustic soda.	
C.I. NO.	--	
CASR NO.	(1310-73-2)	
ATOMIC OR MOLECULAR FORMULA	NaOH	
ATOMIC OR MOLECULAR WEIGHT	40.00	NaOH
PROPERTIES	Absorbs water and carbon dioxide from the air . Hygroscopic.	
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 ₂ CO 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%	



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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. Washcontaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for severalminutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Specifictreatment: 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 : 8/11

UN No. : 1823

IATA : 8

Disposal: The chemical is disposed off by its slow addition to an excess of water. The final concentration should notbe greater than 2% .Neutralize with 5% hydrochloric acid and run to waste with large quantities of running water.

Hazard Pictogram(s) :



GHS05