



Product Specification

SODIUM METAL PIECES IN KEROSENE/LIQ. PARAFFIN

PRODUCT CODE	030101
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7440-23-5)
ATOMIC OR MOLECULAR FORMULA	Na
ATOMIC OR MOLECULAR WEIGHT	22.99
PROPERTIES	Store in air- tight containers or in naphtha or similar liquid that does not contain water or free oxygen. Decomposes water on contact, with evolution of hydrogen to form sodium hydroxide.

Na

PARAMETER	LIMIT
Description	Soft waxy pieces freshly cut surface is silvery white but rapidly becomes dull grey in air. Due to oxygen.
Solubility	10 gm substance in 150 ml of cold anhydrous methanol, gives clear and colourless solution.
Minimum Assay (Acidimetric)	98.0%
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.01%
Calcium (Ca)	0.1%
Iron (Fe)	0.01%
Potassium (K)	0.05%

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

DANGER

Hazard statements : In contact with water releases flammable gases which may ignite spontaneously. 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. Handle under inert gas, protect from moisture. Keep from any possible contact with water, because of violent reaction and possible flash fire.

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

Disposal : - The chemical waste should be collected by specialized disposal company. Add little at a time (2 to 5 g) to large excess of dry propan-2-ol. Leave this mixture aside for 24 hours and run to waste, diluting with large amount of water. If any sand is used to cover spillage then it should be washed thoroughly with water before disposal as normal water.

IMDG Code : 4.3/1
UN No. : 1428
IATA : 4.3

Hazard Pictogram(s) :



Flammable



Corrosive to metals