



Product Specification

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LITHIUM METAL

PRODUCT CODE	137385	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	7439-93-2	
ATOMIC OR MOLECULAR FORMULA	Li	Li
ATOMIC OR MOLECULAR WEIGHT	6.94	
PROPERTIES	--	

PARAMETER	LIMIT
Description	Silvery-white or grey or black granules/metal.
Solubility	Reacts violently with water.
Identification	Passes test
Minimum Assay (Li)	99.5%
Melting range	About 180.5 °C

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

HAZARD

HAZARD STATEMENTS : Flammable liquid and vapour. Harmful in contact with skin. Harmful if inhaled. May be harmful if swallowed May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage. Harmful to aquatic life.

PRECAUTIONARY STATEMENTS :

Prevention : Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep container tightly closed. Keep only in original container. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

Disposal : Add in small quantities to large, stirred excess of water, keeping the final concentration less than 2%. Neutralize with 5% sodium hydroxide soln. and run to waste with large quantities of running water.

IMDG Code : 4.3/I
UN No. : 1415
IATA : 3

Hazard Pictogram(s) :



GHS05



GHS02

Replace date 29-May-2023