



## LEAD MONOXIDE

<b>PRODUCT CODE</b>	<b>R01269</b>	
<b>SYNONYMS</b>	(litharge, Lead (II) Oxide, Lead (II) Oxide Yellow)	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	(1317-36-8)	
<b>ATOMIC OR MOLECULAR FORMULA</b>	PbO	<b>PbO</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	223.20	
<b>PROPERTIES</b>	Stable at ordinary temperature, insoluble in water and alcohol.	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	A heavy yellow or orange coloured powder.	
Solubility	Dissolve 5 gms in hot mixture of 5 ml con.HNO <sub>3</sub> acid & 45 ml water. It should be clear.	
Minimum Assay (ex Pb Complexometric)	98.0%	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Loss on ignition between (600– 800°C)	1.0%	
Chloride (Cl)	0.02%	
Copper (Cu)	0.005%	
Iron (Fe)	0.01%	
<b>Note(s) : Assay (if applicable) method mentioned.</b>		
<b>DANGER</b> <b>Hazard statements</b> :Harmful if inhaled. Harmful if swallowed. Causes mild skin irritation.May damage the unborn child. Suspected of damaging fertility. May cause damage toorgans through prolonged or repeated exposure. Very toxic to aquatic life with long lastingeffects <b>Precautionary statements</b> <b>Prevention</b> :Avoid breathing dust/fume/gas/mist/vapours/spray. Obtain specialinstructions before use. Use only outdoors or in a well ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Do not handleuntil all safety precautions have been read and understood. Use personal protectiveequipment as required. Do not eat, drink or smoke when using this product. <b>Response</b> :If exposed or concerned: Get medical attention advice. If skin irritationoccurs, seek medical advice/attention. IF INHALED: Remove to fresh air and keep at restin a position comfortable for breathing. Specific treatment: refer to Label or MSDS. Getmedical advice/attention if you feel unwell.Call a POISON CENTER or doctor/physician if you feel unwell.		IMDG Code : 6.1/III UN No. 2291 IATA : 6.1
<b>Disposal</b> :Disposeof contents and container in accordance with relevant legislation.		
<b>Hazard Pictogram(s) :-</b>		

Replace Date 1 April 2023

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