

## 1. Product and Company Identification

www.rxmarine.com

Product Name                      Lead Oxide (PbO)  
Part Number                        RXSOL-19-1945-025

### Company Details:

**RX MARINE INTERNATIONAL**  
**105, A wing , BSEL , TECH PARK.**  
**VASHI ,NEW BOMBAY 400703 INDIA**

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Website                              [www.rxmarine.com](http://www.rxmarine.com)

## 2. Composition / Information on ingredients

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Component	CAS-No	Weight %
Lead Oxide	1317-36-8	98-100 %

## 3. Hazards Identification

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Signal Word	:	Harmful if swallowed
Hazard Statements	:	Very hazardous in contact (irritant), of contact (irritant, per
Label Elements	:	Harmful if swallowed damage the unborn damage to organs the special instructions precautions have b protective equipmen exposed skin thorough when using this prod area dust/fume/gas/mist/v Classified 2B (Poss EFFECTS: Not av available. DEVELO substance is toxic to exposure to the subst
Environmental hazards	:	Very toxic to aquatic

## 4. First Aid Measures

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Eye Contact:	Check for and remove any contact lenses. In case of water for at least 15 minutes. Cold water may be used
SkinContact:	In case of contact, immediately flush skin with pl emollient. Remove contaminated clothing and shoes reuse. Thoroughly clean shoes before reuse. Get medi

Serious Skin Contact:	NA
Inhalation:	Allow the victim to rest in a well ventilated area. Seek
Serious Inhalation:	Not available.
Ingestion:	Do not induce vomiting. Loosen tight clothing such as not breathing, perform mouth-to-mouth resuscitation.

## 5. Fire-fighting Measures

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Flammability	:	Not Flammable.
Flash Point Method	:	Not available
Lower Flammable Limit	:	No Data
Upper mable Limit	:	No Data
Hazardous Combustion Products	:	Lead oxides Therm irritating gases and va
Explosion Hazard	:	Risks of explosion impact: Not availab presence of static dis
Specific Hazards Arising from the Chemical	:	Thermal decomposit vapors. In the event of Do not allow run-off courses.
Protection of Fire Fighters	:	As in any fire, wear demand, MSHA/NI protective gear. The irritating gases and va

## 6. Accidental Release Measures

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Small Spill	:	Use appropriate tools to disposal container. Finish contaminated surface a regional authority requi
Large Spill	:	Use a shovel to put the container. Finish cleani contaminated surface a system. Be careful that concentration level abo with local authorities.

## 7. Handling and Storage

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Handling	:	Use only under a chemical equipment. Do not get in dust formation. Do not bre
Storage	:	Carcinogenic, teratogenic stored in a separate locked

## 8. Exposure controls and personal protection

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Engineering Control	:	Use process enclosure engineering controls to keep exposure limits. If use ventilation to keep the exposure limit.
Personal Protective Equipment	:	Splash goggles. Lab approved/certified goggles. Full suit. Dust breathing apparatus should be used for product. Suggested procedure consult a specialist BEH
Eye Protection	:	Safety glasses equipped with side protection under most conditions
Hand Protection	:	Use gloves constructed of neoprene or heavy nitrile if high heat is expected. Use heat-protective gloves for elevated temperatures.
Exposure Limit	:	TWA: 0.15 CEIL: 0.4 Consult local authorities for additional information



Gloves Suit

## 9. Physical and chemical properties

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Physical State	:	Solid
Appearance	:	Yellow
Odor	:	Not Available
Molecular Weight	:	223.19 g/mole
pH	:	NA
Boiling Point	:	Not Available
Melting Point	:	888°C (1630.4°F)
Critical Temperature	:	Not Available
Specific Gravity	:	9.53 (Water=1)
Lower Explosion Limit	:	No data available.
Vapor Pressure	:	No data available.
Vapor Density	:	No data available.
Viscosity	:	2.79-2.96cSt @ 100 F
Solubility in Water	:	Insoluble in Cold Water
Percent Volatile	:	Not available
Dispersion Properties	:	Not Available

## 10. Stability and reactivity

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Chemical Stability	:	Stable.
Hazardous Polymerization	:	Not expected to occur.
Instability Temperature	:	Not Available
Materials Incompatibility	:	Aluminum, Zirconium, Halogens
Hazardous Decomposition Products	:	Lead compounds

## 11. Toxicological information

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**Routes of Entry:** Absorbed through skin. Eye contact. Inhalation. Ingestion.

**Toxicity to Animals:** LD50: Not available. LC50: Not available.

**Chronic Effects on Humans:**

**CARCINOGENIC EFFECTS:** Classified 2B (Possible for human.) by IARC. The substance is toxic to the nervous system.

**Other Toxic Effects on Humans:** Very hazardous in case of ingestion. Hazardous in case of inhalation. Slightly hazardous in case of skin contact (irritant, permeator).

**Special Remarks on Toxicity to Animals:** Not available.

**Special Remarks on Chronic Effects on Humans:** Not available.

**Special Remarks on other Toxic Effects on Humans:** Not available.

## 12. Ecological information

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Ecotoxicity	:	Not Available
BOD and COD 5	:	Not Available
Products of Biodegradation	:	Possibly hazardous short term However, long term degradation
Toxicity of the Products of Biodegradation:	:	The products of degradation
Special Remarks on other Toxic Effects on Humans	:	Not Available

## 13. Disposal considerations

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According to all applicable regulations. May be harmful to aquatic life. Can be dangerous if allowed to enter drinking water intakes. Do not contaminate streams, ponds, or rivers.

## 14. Transport information

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Not classified as dangerous for any mode of transport.

## 15. Regulatory information

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Federal and State Regulations:	:	California prop. 65: for which the State has found a significant and unreasonable risk of chronic or acute health defects or other reproductive effects under the statute: If the product contains the chemical, California has found
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		would require a w California prop. 65: for which the State harm (male) which v oxide, yellow Cali following ingredient cause birth defects statute: Lead oxide contains the followin has found to cause c statute: Lead oxide, Massachusetts RTK: Lead oxide, y SARA 313 toxic ch oxide, yellow CERC
Other Regulations	:	OSHA: Hazardou Standard (29 CFR 1
WHMIS (Canada)	:	CLASS D-2A: M TOXIC)
DSCL (EEC)	:	R36- Irritating to ey
HMIS (U.S.A.)	:	Health Hazard: 2 Fire Hazard: 0 Reactivity: 0 Personal Protection:
National Fire Protection Association (U.S.A.)	:	Health: 2 Flammability: 0 Reactivity: 0 Specific hazard:
Protective Equipment	:	Gloves. Lab coat approved/certified respirator when vent

## 16. Other information

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