



## MATERIAL SAFETY DATA SHEET

CESIUM CHLORIDE PLASMI ISO

### SECTION 1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name:  
Cesium Chloride Plasmi Iso 1kg

Catalog Numbers:  
BPE1595-1, BPE1595-500, BPE210-1, BPE210-100, BPE210-500, C/0640, C/0680,  
C/0682  
Synonyms:  
Un Listed

Company Information:  
LEONID CHEMICALS  
62/A-2 1st Stage, Yeshwanthpur Industrial Suburb  
Ashokpuram School Road  
Bangalore-560 022, Karnataka, INDIA  
Ph: +91-80-2337 8354, Fax: +91-80-2357 4827

### SECTION 2- COMPOSITION, INFORMATION ON INGREDIENTS

CAS #	:	7647-17-8
Chemical Name	:	CESIUM CHLORIDE
%	:	Un Listed
EINECS#	:	231-600-2
Hazard Symbols	:	None Listed.
Risk Phrases	:	None Listed.

### SECTION 3- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW  
Not available.

Potential Health Effects  
The toxicological properties of this material have not been investigated. Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation.

### SECTION 4- FIRST AID MEASURES

Eyes:  
Not available.  
Skin:  
Not available.  
Ingestion:  
Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.  
Inhalation:  
Not available.

Notes to Physician:  
Un Listed

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#### SECTION 5- FIRE FIGHTING MEASURES

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General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media:

In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

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#### SECTION 6- ACCIDENTAL RELEASE MEASURES

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General Information:

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Sweep up, then place into a suitable container for disposal.

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#### SECTION 7 - HANDLING and STORAGE

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Handling:

Not available.

Storage:

Not available.

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#### SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

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Engineering Controls:

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Personal Protective Equipment

Eyes:

Wear safety glasses and chemical goggles if splashing is possible.

Skin:

Wear appropriate protective gloves and clothing to prevent skin exposure.

Clothing:

Not available.

Respirators:

Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

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#### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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Physical State	:	Solid
Color	:	White crystalline solid.
Odor	:	Not available.
pH	:	Not available.
Vapor Pressure	:	Negligible.
Viscosity	:	Not available.
Boiling Point	:	2354 deg F
Freezing/Melting Point	:	1193 deg F

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Autoignition Temperature : Not applicable.  
Flash Point : Not applicable.  
Explosion Limits, lower : Not available.  
Explosion Limits, upper : Not available.  
Decomposition Temperature : Not available.  
Solubility in water : Soluble in water.  
Specific Gravity/Density : 3.988  
Molecular Formula : CdO  
Molecular Weight : 168.3584

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#### SECTION 10 - STABILITY AND REACTIVITY

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Chemical Stability:  
Stable under normal temperatures and pressures.  
Conditions to Avoid:  
Not available.  
Incompatibilities with Other Materials:  
Strong oxidizing agents - strong acids - moisture.  
Hazardous Decomposition Products:  
Not available.  
Polymerization:  
Has not been reported.

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#### SECTION 11 - TOXICOLOGICAL INFORMATION

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RTECS#:  
CAS# 7647-17-8: Fk9625000  
  
LD50/LC50:  
CAS# 7647-17-8: Oral, mouse: LD50 = 2306 mg/kg; Oral, rat: LD50 = 2004 mg/kg.  
  
Carcinogenicity:  
CESIUM CHLORIDE -  
Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.  
See actual entry in RTECS for complete information.

Other:  
Un Listed

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#### SECTION 12 - ECOLOGICAL INFORMATION

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Un Listed

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#### SECTION 13 - DISPOSAL CONSIDERATIONS

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Products which are considered hazardous for supply are classified as Special Waste and the disposal of such chemicals is covered by regulations which may vary according to location. Contact a specialist disposal company or the local waste regulator for advice. Empty containers must be decontaminated before returning for recycling.

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#### SECTION 14 - TRANSPORT INFORMATION

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IATA  
Shipping Name : ALKALOIDS, SOLID, N.O.S.  
Hazard Class : 6.1

UN Number : 1544  
Packing Group : III

IMO  
Shipping Name : ALKALOIDS, SOLID, N.O.S.  
Hazard Class : 6.1  
UN Number : 1544  
Packing Group : III

ID/ADR  
Shipping Name : ALKALOIDS, SOLID, N.O.S.  
Hazard Class : 6.1  
UN Number : 1544  
Packing Group : III

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## SECTION 15 - REGULATORY INFORMATION

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European/International Regulations  
European Labeling in Accordance with EC Directives

Hazard Symbols:  
Not available.

Risk Phrases:  
Un Listed

Safety Phrases:  
Un Listed

WGK (Water Danger/Protection)  
CAS# 7647-17-8: 1  
United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits

Canada  
CAS# 7647-17-8 is listed on Canada's DSL List.  
CAS# 7647-17-8 is listed on Canada's Ingredient Disclosure List.

Exposure Limits  
Un Listed

US FEDERAL  
TSCA  
CAS# 7647-17-8 is listed on the TSCA inventory.

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## SECTION 16 - ADDITIONAL INFORMATION

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The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.



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