1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Strontium Phosphate

Chemical Formula: $Sr_3(PO_4)_2$

Manufacturer Item Number: ST-5010

Manufacturer:
Lorad Chemical Corporation
1200 19th Street North
Saint Petersburg, Florida, 33713
United States of America

Telephone: +1 (727) 826–5511

Fax: +1 (727) 826–5510

Emergency Contact:
(800) 255–3924 (US & Canada)
+1 (813) 248–0573 (International)

2. HAZARD IDENTIFICATION

Hazard Classification Not a hazardous substance or mixture.

Signal Word: N/A

Pictograms: N/A

Hazard Statements: N/A

Precautionary Statements: N/A

Other Hazards N/A

HMIS Ratings (0-4)
- Health: 1
- Flammability: 0
- Physical: 0

3. COMPOSITION

Additional Names: Tristrontium diphosphate, tristrontium bis(orthophosphate)

Percentage:	**Component**	**Classification**	**Concentration**
	Strontium Phosphate	No Data Available.	100 wt%

CAS #: 7446-28-8

EC #: 231-206-0

4. FIRST AID PROCEDURES

General Treatment Consult a physician. Show this SDS to the doctor in attendance. Move out of dangerous area.

Special Treatment: No Data Available.

Important Symptoms: No Data Available.

Inhalation:	If breathed in, move person to fresh air. If not breathing, give artificial respiration. Consult a physician.
Ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Avoid vomiting. Do not attempt to neutralize. Consult a physician.
Skin:	For skin contact, flush with large amounts of soap and water while removing contaminated clothing. Consult a physician.
Eyes:	Immediately flush eyes with fresh water for at least 15 minutes while holding the eyelids open. Remove contact lenses if worn. Consult a physician.

5. FIREFIGHTING MEASURES

Special Hazards from Substance:	Strontium oxides, phosphorus oxides
Extinguishing Media:	Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

If Material is Released / Spilled:	Use appropriate personal protective equipment. Avoid dust formation. Avoid breathing dust, vapors, mist, or gas. Isolate spill area and provide ventilation. Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.
Environmental Precautions:	No additional environmental precautions required.

7. HANDLING AND STORAGE

Handling Conditions:	Use appropriate personal protective equipment. Ensure adequate ventilation.
Storage Conditions:	Keep container tightly closed in a dry and well-ventilated place.
Work / Hygienic Maintenance:	Do not use tobacco or food in the work area. Wash thoroughly before eating and smoking. Do not blow dust off clothing or skin with compressed air.
Ventilation:	Provide appropriate exhaust ventilation at places where dust is formed.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Permissible Exposure Limits:

Authority	Basis	Limit	Remarks
Contains no substances with occupational exposure limit values.			

Threshold Limit Value:

Authority	Basis	Limit	Remarks
Contains no substances with occupational exposure limit values.			

Special Equipment: Handle in accordance with good industrial hygiene and safety practices.

Respiratory Protection: No protective equipment is needed under normal use conditions. Where protection from nuisance levels of dust are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Protective Gloves: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye Protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Body Protection: The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

9. PHYSICAL AND CHEMICAL CHARACTERISTICS

Color:	White	**Molecular Weight:**	452.8 g/mol
Forms:	Powder	**Theoretical Density:**	No Data Available.
Odor:	No Data Available.	**pH:**	No Data Available.
Water Solubility:	No Data Available.	**Auto-Ignition Temperature:**	No Data Available.
Boiling Point:	No Data Available.	**Evaporation Rate:**	No Data Available.
Melting Point / Freezing Point:	> 380°C (> 716°F)	**Flammability or Explosive Limits:**	No Data Available.
Vapor Pressure:	No Data Available.	**Partition Coefficient: n-octanol/ water**	No Data Available.
Vapor Density:	No Data Available.	**Decomposition Temperature:**	No Data Available.
Flash Point:	No Data Available.	**Viscosity:**	No Data Available.

10. REACTIVITY

Stability: Stable under recommended storage conditions.

Reacts with: Strong acids.

Incompatible Conditions: No Data Available.

Hazardous Decomposition Products: Under fire conditions may form strontium oxides and/or phosphorus oxides.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	Eyes:	No Data Available.
	Skin:	No Data Available.
	Ingestion:	No Data Available.
	Inhalation:	No Data Available.
Chronic Toxicity	Skin Corrosion / Irritation:	No Data Available.
	Serious Eye Damage / Irritation:	No Data Available.
	Respiratory / Skin Sensitization:	No Data Available.
	Mutagenic Effects:	No Data Available.
	Reproductive / Teratogenic Effects:	No Data Available.
	Specific Target Organ Toxicity: (single exposure)	No Data Available.
	Specific Target Organ Toxicity: (repeated exposure)	No Data Available.
	Aspiration Hazard:	No Data Available.
	Other Adverse Effects:	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Carcinogenicity:	IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable or confirmed human carcinogen by IARC.
	ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
	NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
	OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Additional Information: No Data Available.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity: No Data Available.

Persistence and degradability: Not applicable to inorganic substances.

Bioaccumulative potential: No Data Available.

Notes: No Data Available.

13. DISPOSAL CONSIDERATIONS

Disposal: Offer surplus and non-recyclable materials to a licensed disposal company. Dispose of in accordance with local, state, or national regulations.

14. TRANSPORTATION DATA

Hazardous:

DoT: Not Dangerous Goods.
IMDG: Not Dangerous Goods.
IATA: Not Dangerous Goods.

Pictogram: N/A

Hazard Class: N/A

Packing Group: N/A

UN Number: N/A

US DoT

Proper Name: N/A

Marine Pollutant:

IMDG

Proper Name: N/A

EMS-No:

Marine Pollutant:

IATA

Proper Name: N/A

15. REGULATORY INFORMATION

Toxic Substance Control Act	Listed.
SARA 302 Components	No chemicals in this material are subject to the reporting requirements of SARA title III, Section 302.
SARA 313 Components	This material does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards	No SARA Hazard.
Massachusetts Right to Know Components	No components are subject to the Massachusetts Right to Know Act.
Pennsylvania Right to Know Components	No components are listed in Appendix A of the Pennsylvania Worker and Community Right to Know Act.
New Jersey Right to Know Components	No components are listed on the New Jersey Right to Know Hazardous Substance List.
California Prop. 65 Components	This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

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