

**Section 1: Identification**

<b>Product Name</b>	Strontium chloride
<b>Commercial Name</b>	Not available.
<b>Product Use</b>	Research and product development
<b>Restrictions On Use</b>	Not available.
<b>Product Code</b>	30-2616
<b>Company</b>	PCCA 9901 South Wilcrest Houston, TX 77099 Phone: 1-800-331-2498 Fax: 1-800-874-5760
	In case of emergency contact: <b>CHEMTREC (24hr) 1-800-424-9300</b>

**Section 2: Hazard(s) Identification**

**OSHA Haz Com:** Serious Eye Damage/Eye Irritation Category 1 Specific target organ toxicity (single exposure) Category 3  
**CFR 1910.1200** Target Organs - Respiratory system

**Signal Word** DANGER

**Hazard Statement(s)** Causes serious eye damage.

**Pictogram(s) or Symbol(s)**


**Precautionary Statement(s):**

<b>Prevention</b>	Avoid breathing dust/fume/gas/mist/vapors/spray Use only outdoors or in a well-ventilated area Wear protective gloves/protective clothing/eye protection/face protection
<b>Response</b>	IF INHALED: Remove person to fresh air and keep 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/doctor
<b>Storage</b>	Store in a well-ventilated place. Keep container tightly closed Store locked up
<b>Disposal</b>	Dispose of contents/container to an approved waste disposal plant

**Section 3: Composition/Information on Ingredients**

<b>Substance/Mixture</b>	Substance
<b>Components</b>	Strontium chloride
<b>% By Weight</b>	100
<b>CAS#</b>	10025-70-4
<b>Molecular Weight</b>	266.62 g/mole
<b>Chemical Formula</b>	SrCl <sub>2</sub> .6H <sub>2</sub> O
<b>Synonym(s)</b>	Strontium dichloride, hexahydrate

<b>Mixtures</b>	<b>Name</b>	<b>CAS#</b>	<b>% by Weight</b>	<b>TLV/PEL</b>	<b>LC50/LD50</b>

**Section 4: First-Aid Measures**

<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur
<b>Symptoms/Effects</b>	
<b>Acute</b>	None reasonably foreseeable. Causes severe eye damage
<b>Delayed</b>	None reasonably foreseeable. Causes severe eye damage

**Immediate Medical Attention**

Treat symptomatically

**Section 5: Fire-Fighting Measures****Suitable Extinguishing Media**Water spray, carbon dioxide (CO<sub>2</sub>), dry chemical, alcohol-resistant foam.**Unsuitable Extinguishing Media**

Not applicable.

**Products of Combustion**

Thermal decomposition can lead to release of irritating gases and vapors.

**Firefighters Special Equipment and Precautions**

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

**Section 6: Accidental Release Measures**

Personal Precautions: Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation.

Environmental Precautions: Should not be released into the environment. Methods for Containment and Clean Up: Sweep up and shovel into suitable containers for disposal. Keep in suitable, closed containers for disposal

**Section 7: Handling and Storage**

Handling: Wear personal protective equipment/face protection. Ensure adequate ventilation. Do not get in eyes, on skin, or on clothing. Avoid ingestion and inhalation. Avoid dust formation. Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Incompatible Materials. Strong oxidizing agents

**Section 8: Exposure Controls/Personal Protection**

<b>Exposure Limits</b>	Not applicable.
<b>Engineering Controls</b>	Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation, especially in confined areas. Wherever possible, engineering control measures such as the isolation or enclosure of the process, the introduction of process or equipment changes to minimise release or contact, and the use of properly designed ventilation systems, should be adopted to control hazardous materials at source
<b>Personal Protection</b>	Eye Protection Goggles Hand Protection Protective gloves Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash hands before breaks and after work.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	Solid/White Powder		
<b>Odor</b>	Odorless		
<b>Odor Threshold</b>	Not applicable.		
<b>Melting Point</b>	115 °C / 239 °F	<b>pH</b>	5.0-7.0 5% aq.sol. (25°C)
<b>Freezing Point</b>	Not applicable.	<b>Vapor Pressure</b>	Not applicable.
<b>Boiling Point/Range</b>	Not available	<b>Vapor Density</b>	Not applicable.
<b>Decomposition temperature</b>	Not applicable.	<b>Viscosity</b>	Not applicable.
<b>Partition Coefficient:</b> n-octanol/water	Not applicable.	<b>Evaporation Rate</b>	Not applicable.
<b>Flash Point</b>	Not available	<b>Autoignition temperature</b>	Not applicable.
<b>Flammability</b>	Not applicable.	<b>Flammability or Explosive Limits:</b>	
		<b>Lower</b>	Not applicable.
		<b>Upper</b>	Not applicable.
<b>Solubility(ies)</b>	Not available		
<b>Other</b>	Molecular Formula Cl <sub>2</sub> Sr . 6 H <sub>2</sub> O Molecular Weight 266.62		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	Not applicable.
<b>Chemical Stability</b>	Stable under normal conditions
<b>Hazardous Polymerization</b>	Not applicable.
<b>Conditions to Avoid</b>	Incompatible products. Excess heat. Avoid dust formation
<b>Incompatible Materials</b>	Strong oxidizing agents
<b>Hazardous Decomposition Products</b>	Thermal decomposition can lead to release of irritating gases and vapors

**Section 11: Toxicological Information**

<b>RTECS</b>	Not available
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**Acute Toxicity**

LD50 Oral: 2250 mg/kg (Rat)

**Skin Corrosion/Irritation**

Not applicable.

**Serious Eye Damage/Irritation**

Risk of serious damage to eyes

**Respiratory or Skin Sensitization**

Not applicable.

**Germ Cell Mutagenicity**

Not applicable.

**Carcinogenicity**

Not applicable.

**Reproductive Toxicity**

Not applicable.

**Routes of Entry**

Eye.

**Symptoms Related to Exposure**

Not available



## Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Strontium chloride

30-2616

### Potential Health Effects

Not applicable.

**Target Organ(s)** Respiratory system

### Section 12: Ecological Information

#### Ecotoxicity

Do not empty into drains.

#### Persistence and Degradability

Soluble in water Persistence is unlikely based on information available

#### Bioaccumulative Potential

Not applicable.

#### Mobility in Soil

Will likely be mobile in the environment due to its water solubility

#### Other Adverse Effects

Not applicable.

### Section 13: Disposal Considerations

#### Waste Disposal

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

#### Disposal of Container

Not available.

#### Other Considerations

Not applicable.

### Section 14: Transport Information

#### DOT Classification

DOT Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

### Section 15: Regulatory Information

#### Regulations

Not available.

#### Other

Not available

### Section 16: Other Information

Not applicable.