

# FLINN SCIENTIFIC INC.

"Your Safer Source for Science Supplies"

## Material Safety Data Sheet (MSDS)

MSDS #: 784.00

Revision Date: March 12, 2001

### Section 1 — Chemical Product and Company Identification

#### Strontium Chloride

Flinn Scientific, Inc. P.O. Box 219 Batavia, IL 60510 (800) 452-1261

CHEMTREC Emergency Phone Number: (800) 424-9300

### Section 2 — Composition, Information on Ingredients

Strontium Chloride

CAS#: 10025-70-4

### Section 3 — Hazards Identification

Odorless, white crystalline needles.

Substance not considered hazardous. However, not all health aspects of this substance have been thoroughly investigated.

#### FLINN AT-A-GLANCE

Health-0

Flammability-0

Reactivity-0

Exposure-0

Storage-1

0 is low hazard, 3 is high hazard

### Section 4 — First Aid Measures

Call a physician, seek medical attention for further treatment, observation and support after first aid.

Inhalation: Remove to fresh air at once. If breathing has stopped give artificial respiration immediately.

Eye: Immediately flush with fresh water for 15 minutes.

External: Wash continuously with fresh water for 15 minutes.

Internal: Give large quantities of water. Call a physician or poison control at once.

### Section 5 — Fire Fighting Measures

Non flammable solid.

#### NFPA CODE

None established

### Section 6 — Accidental Release Measures

Restrict unprotected personnel from area. Sweep up, place in sealed bag or container and dispose. Ventilate area and wash spill site after material pickup is complete. See Sections 8 and 13 for further information.

### Section 7 — Handling and Storage

Flinn Suggested Chemical Storage Pattern: Inorganic #2. Store with acetates, halides, sulfates, sulfites, thiosulfates and phosphates. Store in a cool, dry place. Deliquescent, store in a Flinn Chem-Saf bag.

### Section 8 — Exposure Controls, Personal Protection

Avoid contact with eyes, skin and clothing. Wear chemical splash goggles, chemical-resistant gloves and chemical-resistant apron.

**Material Safety Data Sheet (MSDS)****Section 9 — Physical and Chemical Properties**

Odorless, white crystalline needles.  
Solubility: Water and alcohol.  
Formula:  $\text{SrCl}_2 \cdot 6\text{H}_2\text{O}$   
Formula Weight: 266.64

Specific Gravity: 1.930  
Melting Point: 115 C

**Section 10 — Stability and Reactivity**

Avoid contact with strong oxidizers.  
Shelf Life: Fair to poor.

**Section 11 — Toxicological Information**

Acute effects: Stomach pains, vomiting, diarrhea  
Chronic effects: N.A.  
Target organs: N.A.

ORL-RAT LD50: N.A.  
IHL-RAT LC50: N.A.  
SKN-RBT LD50: N.A.

N.A. = Not available, not all health aspects of this substance have been fully investigated.

**Section 12 — Ecological Information**

Data not yet available.

**Section 13 — Disposal Considerations**

Please consult with state and local regulations.  
Flinn Suggested Disposal Method #26a is one option.

**Section 14 — Transport Information**

Shipping Name: Not regulated  
Hazard Class: N/A  
UN Number: N/A

N/A = Not applicable

**Section 15 — Regulatory Information**

TSCA-listed, EINECS-listed (233-971-6).

**Section 16 — Other Information**

Consult your copy of the Flinn Scientific Catalog/Reference Manual for additional information about laboratory chemicals. This Material Safety Data Sheet (MSDS) is for guidance and is based upon information and tests believed to be reliable. Flinn Scientific Inc. makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data is offered solely for your consideration, investigation, and verification. Flinn Scientific Inc. assumes no legal responsibility for use or reliance upon this data.

**FLINN SCIENTIFIC INC.****"Your Safer Source for Science Supplies"*****Flinn MSDS Prevent Chemical Accidents***

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