



## Strontium Chloride Safety Data Sheet (SDS)

SDS #: 784

Revision Date: October 19, 2015

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### 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) 424-10391

**Signal Word**  
**DANGER**

### SECTION 2 — HAZARDS IDENTIFICATION

Hazard class: Serious eye damage (Category 1). Causes serious eye damage (H318).

Pictograms



### SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight
Strontium chloride	10025-70-4	SrCl <sub>2</sub> •6H <sub>2</sub> O	266.64

### SECTION 4 — FIRST AID MEASURES

Immediately call a POISON CENTER or physician (P310).

**If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing (P303+P361+P353).

**If on skin:** Wash with plenty of water.

**If swallowed:** Rinse mouth. Call a POISON CENTER or physician if you feel unwell.

### SECTION 5 — FIRE FIGHTING MEASURES

Nonflammable solid.

When heated to decomposition, may emit toxic fumes.

In case of fire: Use a tri-class dry chemical fire extinguisher.

**NFPA Code**  
None established

#### **SECTION 6 — ACCIDENTAL RELEASE MEASURES**

Ventilate area. Sweep up, place in sealed bag or container and dispose. Wash spill site after material pickup is complete. See Sections

#### **SECTION 7 — HANDLING AND STORAGE**

Flinn Suggested Chemical Storage Pattern: Inorganic #2. Store with acetates, halides, sulfates, sulfites, thiosulfates and phosphates.

Deliquescent. Store in a cool, dry place within a Flinn Chem-Saf™ bag.

#### **SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION**

Wear protective gloves, protective clothing, and eye protection (P280). Wash hands thoroughly after handling.

#### **SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

White crystalline needles. Odorless.

Soluble: Water and alcohol

Melting point: 115 °C

Specific gravity: 1.930

pH: 5.0-7.0 @ 50 g/L at 25 °C

#### **SECTION 10 — STABILITY AND REACTIVITY**

Avoid contact with strong oxidizers.

Shelf life: Fair to poor, deliquescent. See Section 7 for further information.

#### **SECTION 11 — TOXICOLOGICAL INFORMATION**

Acute effects: Stomach pains, vomiting, diarrhea.

Chronic effects: N.A.

Target organs: N.A.

ORL-RAT LD<sub>50</sub>: 2250 mg/kg (as anhydrous salt)

IHL-RAT LC<sub>50</sub>: N.A.

SKN-RBT LD<sub>50</sub>: N.A.

#### **SECTION 12 — ECOLOGICAL INFORMATION**

Data not yet available.

#### **3 — DISPOSAL CONSIDERATIONS**

Please review all federal, state and local regulations that may apply before proceeding.

Flinn Suggested Disposal Method #26a is one option.

#### **SECTION 14 — TRANSPORT INFORMATION**

Shipping name: Not regulated. Hazard class: N/A. UN number: N/A.

#### **SECTION 15 — REGULATORY INFORMATION**

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

#### **SECTION 16 — OTHER INFORMATION**

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N/A = Not applicable

**Consult your copy of the Flinn Science Catalog/Reference Manual for additional information**

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