

**MATERIAL SAFETY DATA SHEET****Product Name:** Strontium chloride hexahydrate**CAS No.:** 10025-70-4**Version:** 0**1. Identification**

**Product Code** : 91864  
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**2. Hazards Identification****Hazard classification**

Serious eye damage : Category 1

**Label elements****Hazard symbol****Signal word** : Danger**Hazard statement** : Causes serious eye irritation.**Precautionary statement** : Wear protective gloves/ eye protection/ face protection.  
IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.**Other hazards which do not result in GHS classification** : None.**3. Composition/information on ingredients**

Ingredient	CAS No	Percent
STRONTIUM CHLORIDE HEXAHYDRATE	10025-70-4	NLT-99.0%

**4. First Aid Measures****Description of first aid measures****General advice** : Consult a physician. Show this safety data sheet to the doctor in attendance.**Inhalation** : If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

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- Skin contact** : Wash off with soap and plenty of water. Consult a physician.
- Eye contact** : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- Swallowed** : Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
- Most important symptoms and effects, both acute and delayed** : To the best of our knowledge, the chemical, physical, and toxicological properties have not been Thoroughly investigated.
- Indication of any immediate medical attention and special treatment needed Treatment** : No data available

**5. Fire fighting measures****Extinguishing media**

**Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture** : Hydrogen chloride gas, Strontium oxides

**Advice for firefighters** : Wear self contained breathing apparatus for fire fighting if necessary

**Further information** : The product itself does not burn.

**6. Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures** : Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

**Environmental precautions** : Do not let product enter drains.

**Methods and materials for containment and cleaning up** : Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

**Reference to other sections** : For disposal see section 13.

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- Precautions for safe handling** : Avoid formation of dust and aerosols.  
Provide appropriate exhaust ventilation at places where dust is formed.
- Conditions for safe storage, including any incompatibilities** : Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
- Specific end use(s)** : No data available

**8. Exposure Controls Personal Protection****Control parameters****Components with workplace control parameters****Exposure controls**

**Appropriate engineering controls** : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Personal protective equipment**

**Eye/face protection** : Use equipment for eye protection tested and approved under appropriate government standards.

**Skin Protection Hand protection** : 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.

**Body Protection** : Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection** : Respiratory protection is required.

**9. Physical and Chemical Properties**

**Appearance** : A white crystalline powder

**Odor** : No data available

**pH** : 5.0 – 7.0 at 50 g/l at 25 °C

**Melting point/freezing point** : 115 °C

**Initial boiling point and boiling range** : 1.360 °C

**Flash Point** : Not applicable.

**Vapor pressure** : No data available

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**Vapor density** : No data available  
**Relative density** : 1.930 g/cm<sup>3</sup>  
**Solubility in water** : No data available  
**Solubility (other)** : No data available  
**Formula** : Cl<sub>2</sub>Sr · 6H<sub>2</sub>O  
**Molecular Weight** : 266.62 g/mol

**10. Stability and Reactivity**

**Reactivity** : No data available  
**Chemical stability** : Stable under recommended storage conditions  
**Possibility of hazardous reactions** : No data available  
**Conditions to avoid** : Exposure to moisture  
**Incompatible materials** : Strong oxidizing agents.  
**Hazardous decomposition products** : No data available

**11. Toxicological Information****Information on toxicological effects**

**Acute toxicity** : LD50 Intraperitoneal - Mouse - 1.253 mg/kg  
**Skin corrosion/irritation** : Skin - Rabbit  
Result: No skin irritation  
**Serious eye damage/eye irritation** : Eyes - Rabbit  
Result: Severe eye irritation  
**Respiratory or skin sensitization** : No data available  
**Germ cell mutagenicity** : No data available  
**Carcinogenicity** : No data available  
**Reproductive toxicity** : Reproductive toxicity - Rat - Oral  
Paternal Effects: Prostate, seminal vesicle, Cowper's gland, accessory glands.  
**Specific target organ toxicity - single exposure** : No data available  
**Specific target organ toxicity - repeated exposure** : No data available  
**Aspiration hazard** : No data available  
**Signs and Symptoms of Exposure** : Vomiting, Diarrhoea, Abdominal pain

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**Toxicity** : No data available.  
**Persistence and degradability** : No data available.  
**Bioaccumulative potential** : No data available.  
**Mobility in soil** : No data available.  
**Results of PBT and vPvB assessment** : No data available.  
**Other adverse effects** : No data available.

**13. Disposal consideration**

**Disposal instructions** : Discharge, treatment, or disposal may be subject to national, state, or local laws.  
**Contaminated packaging** : Offer rinsed packaging material to local recycling facilities. Since emptied containers retain product residue, follow label warnings even after container is emptied.

**14. Transport Information**

	UN No.	UN proper shipping name	Hazard Class(es)	Packaging group	Marine Pollutant
<b>DOT</b>			Not dangerous goods		
<b>IMDG</b>			Not dangerous goods		
<b>IATA</b>			Not dangerous goods		

**15. Regulatory Information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture  
No Data Available.

**16. Other Information****Issue Date** :01/08/2014**Version** : 0**Disclaimer:** This Material Safety Data Sheet (MSDS) is for guidance and is based upon information and

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