



# Material Safety Data Sheet

## Strontium Carbonate

Edition: 21/11/2007

### 1) Identification of substance/preparation and of the company undertaking

Material Strontium Carbonate  
CAS No 1633-05-2  
Company Inoxia Ltd  
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Cranleigh  
Surrey  
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### 2) Composition

Strontium Carbonate, 98/99%  
CAS Number: 1633-05-2.

### 3) Hazard Identification

This material will offer the normal hazards associated with any dry powder of a slightly abrasive nature, i.e. the possibility of eye irritation due to the nature of the particles themselves, drying of the throat if dust levels are excessive and possibly slight hand irritation due to the physical state.

### 4) First Aid Measures

Remove from exposure.

Eyes Wash material out with plenty of clean water for at least 15 minutes. If redness or soreness develop, seek medical advice taking this data sheet with you.

Skin Remove contaminated clothing, wash from skin with soap and water.

Inhalation Remove from exposure. If inhalation has been large, seek immediate medical advice taking this data sheet with you.

Ingestion Do not induce vomiting. Seek medical advice taking this data sheet with you.

### 5) Fire Fighting

Flammability Non-flammable.

Extinguishing media Treat as surrounding fire. There are no decomposition products except under very extreme temperatures. There are no harmful decomposition products.

### 6) Accidental Release

Wear full protective equipment as in section on Personal Protection. Damp down spilled material to minimise dust levels.

May be disposed of as general refuse.

### 7) Handling/Storage

Special storage requirements Store away from food and animal feeding stuffs.

Handling precautions	Do not eat drink or smoke when using this material. Wash well after use. Do not breathe dust.
Personal protection	Wear overalls and gloves to protect the skin. Wear goggles to protect the eyes. If exhaust ventilation is not available, then use a suitable mask.

**8) Exposure Controls**

Occupational Exposure Limit      Not listed in EH40/94  
Treat as nuisance dust OEL 10 mg/m-3

**9) Physical/Chemical Properties**

Appearance	White powder.
Density	3.7 g/cc
Barium Carbonate	1.0-2.5%
Loss on Ignition	(800° C) 0.25-0.6

**10) Stability/Reactivity**

No hazardous reactions or incompatible substances are known.

**11) Toxicological Info**

The strontium ion has a low order of toxicity. It is chemically and biologically similar to calcium. The nature of the anion is important to the toxicity of strontium compounds. (strontium chromate is classified as carcinogenic)

**12) Ecological Information**

No specific information available.

**13) Disposal Consideration**

Dispose of as general refuse according to local regulations.

**14) Transport Information**

This material is NOT classed as hazardous for transport.

**15) Regulatory Information**

Not classified under CHIP.

**16) Other Information**

This information is for health and safety guidance only, is not a material specification, and does not constitute the user's own assessment of suitability, and workplace risk as required by any other Health and Safety legislation. It is accurate to the best of our knowledge and belief, but since the conditions of handling and use are outside our control we make no guarantee of results, and assume no liability for damages incurred by use of this material.