

Material Safety Data Sheet

1. Identification of Substance, Preparation And Company

- **Product Details**

Strontium Chromate

- **Manufacturer / Supplier**

COLOURTECH INDUSTRIES

- **Factory Address:**

Colourtech Industries
Plot No. Ex. 12, Opp. CETP, 1st Phase,
GIDC, Vapi - 396 195
Valsad Dist., (Gujarat), INDIA.
email: colourtechvapi@gmail.com
phone: +91 260 2434771 / 2433771

2. Composition / Chemical Characterization

- **Product Identification**

C.I. Pigment Yellow 32 C.I. No. 77389
Impurity, Hazardous components

- **CAS No.:** 7789-06-02

- **EINECS No.:** 024-09-4

- **Name:** SrCrO₄

- **%:** 100

- **Symbol:** T

- **Pharse:** R 45-22
S 53-44

3. Hazard Identification

Toxic

- **May Cause cancer.**

- Also Harmful if swallowed Avoid exposure. Get special instructions before use. When not feeling well, seek medical advice.

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4. First Aid Measure

- **After Inhalation:**
If inhaled, move to fresh air. Aid in breathing, if necessary, and get medical attention.
- **After Eyes Contact:**
Flush eye with flowing water. If irritation develops, consult an oculist.
- **After Skin Contact:**
Wash affected skin with soap and water.
- **After Ingestion:**
If swallowed, induce vomiting immediately as directed by the medical personnel.

5. Fire Fighting Measures

- **Suitable extinguishing Media:**
Water Spray, Foam
- **Unsuitable extinguishing Media:**
CO2
- Special protective equipment
- Appropriate breathing apparatus may be required.

6. Accidental Release Measures

- **Personal Precautions:**
Clean up with the appropriate personal equipment
- **Environmental Precaution:**
Scoop or sweep & transfer into a closed container. Keep waste out of sewers. Avoid dusting.
- **Method for cleaning up:**
Scoop or vacuum into a container for reuse or disposal. Avoid dusting.

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7. Handling and storage

A moderately dry, well-ventilated area is considered adequate for handling and storage. Use proper personal equipments (See Section 8). Direct sources of heat must be avoided. Wash thoroughly after handling, keep away from food and feed products. Keep container closed.

8. Exposure Control / Personal Protection

- **Respiratory Protection:**
Local exhaust ventilation, Air-Purifying respirator.
- **Hand Protection:**
Rubber Gloves
- **Eye Protection:**
Goggles
- **Skin Protection:**
Impervious clothing

9. Physical & Chemical Properties

Appearance:	Yellow Powder
Odour:	Odourless
Relevant Safety Data Change in Condition	
Melting Point:	Not applicable
Flash Point:	Inapplicable
Flammability:	Inapplicable
Explosive Properties:	Inapplicable
Vapour Pressure:	Not applicable
Specific Gravity:	3.9
Solubility in water: (20°C)	0.4 - 0.8 g/l
pH value:	6 - 9

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10. Stability and reactivity

Stable under normal conditions of storage and use. Dust explosions are possible. Hazardous decomposition products are none (in case of proper processing).

11. Toxicological Information

EEC classified as Carcinogen class C2 for human being.

Animal sufficient Evidence (IARC Group 1 for hexavalent Chromium Compounds). An excess risk for lung and sinonasal cancer has been reported on workers in the Chromate and Chromate Pigment production and Chromium plating industries. Two samples of Strontium were tested on rats by intrabronchial implantation, producing a high incidence of Bronchial Carcinomas, intrapleural and intramuscular injection of Strontium Chromate produced local Sarcomas.

Experience on practice

This product is unlikely to harm health, given normal and proper handling and hygienic precautions.

12. Ecological Information

Do not empty the product into drains and waters without primary treatment and do not store on public depositories.

13. Disposal consideration

- **Product Recommendation:**
Pass on to an appropriate waste dump.
- **Contaminated packaging Recommendation:**
Contaminated packaging must be emptied of all residues.
Following appropriate cleaning, they may be sent to a recycling plant.

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14. Regulatory information

Classification according to EEC Directives

Danger symbol and danger designation No danger symbols

R - Phrases none

S - Phrases none

15. Additional Information

To our present knowledge the product is not a substance subject to mandatory marking in accordance with EEC-Directive 67/548/EEC and 93/72/EEC.

16. Other Information

- **Department issuing data specification sheet:**

Product safety department

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.