

# SODIUM CHROMATE, 10%

## Section 1 - Chemical Product and Company Identification

**MSDS Name:** Sodium Chromate, 10%

**Catalog Numbers:** MX-106-1

**Company Identification:** ROWLEY BIOCHEMICAL  
10 ELECTRONICS AVENUE  
DANVERS, MA 01923

**For information, call:** 978-739-4883

**Emergency Number:** 800-424-9300

**For CHEMTREC assistance, call:** 800-424-9300

## Section 2 - Hazards Identification

### GHS Classifications

#### Health Hazards

H301 **Acute Oral Toxicity:** 3  
H312 **Acute Dermal Toxicity:** 4  
H314 **Skin Corrosion/ Skin Irritation:** 1B  
H318 **Eye Damage/ Irritation:** 1  
H317 **Skin dermal Sensitization:** 1B  
H340 **Germ Cell Mutagenicity:** 1B  
H350 **Carcinogenicity:** 1B  
H372 **Specific Target Organ Toxicity:** 1

#### Physical Hazards

Not Classified

#### Environmental Hazards

H400-**Acute Aquatic Environmental Hazards:** 1

H410-**Chronic Environmental Hazards:** 1

### Pictograms or Hazard Symbols and Hazard Statement



**Danger:** Toxic if swallowed.



**Danger:** Causes severe skin burns and eye damage



**Warning**

- May be harmful if inhaled



**Warning:** Very toxic to aquatic life with long lasting effects



- Warning: Harmful in contact with skin
- May cause an allergic skin reaction



**Danger:** May cause genetic defects  
May cause cancer  
May damage fertility or the unborn child  
Causes damage to organs <> through prolonged or repeated exposure

## Precautionary Statement Prevention

H301

**P264** Wash thoroughly after handling.

**P270** Do not eat, drink, or smoke when using this product.

**P301 + P310** IF SWALLOWED: Immediately call a POISON CENTER or doctor.

**P330** Rinse Mouth.

**P405** Store locked up.

**P501** Dispose of contents/container in accordance with local/regional/national/international regulations.

### H312

**P280** Wear protective gloves, clothing, and eye and face protection.

**P302 + P352** If on skin, wash with plenty of soap and water.

**P312** Call a physician if you feel unwell

**P361 + P363** Take off immediately all contaminated clothing and wash it before reuse.

**P501** Dispose of contents/container in accordance with local/regional/national/international regulations.

### H314

**P260** Do not breathe fume/gas/mist/vapors.

**P264** Wash thoroughly after handling.

**P280** Wear protective gloves, clothing, and eye and face protection.

**P301 + P330 + P331** If swallowed, rinse mouth. Do not induce vomiting.

**P303 + P361 + P353** If on skin (or hair) take off immediately all contaminated clothing. Rinse skin with water.

**P363** Wash contaminated clothing before reuse.

**P304 + P340** If inhaled, remove person to fresh air and keep comfortable for breathing.

**P310** Seek medical assistance if exposed.

**P405** Store locked up.

**P305 + P351 + P338** If in eyes, rinse cautiously with water for several minutes.

**P501** Dispose of contents/container in accordance with local/regional/national/international regulations.

### H318

**P280** Wear eye and face protection.

**P305 + P351 + P338** If in eyes, rinse cautiously with water for several minutes.

**P337 + P313** If eye irritation persists, get medical advice/attention.

### H317

**P272** Contaminated work clothing should not be allowed out of the work place.

**P333+P313** IF ON SKIN: Wash with plenty of soap and water.

**P363** Wash contaminated clothing before reuse.

### H340

**P201** Obtain special instructions before use.

**P202** Do not handle until all safety precautions have been read and understood.

**P281** Use personal protective equipment as required.

**P308 + P313** If exposed or concerned: Get medical advice/attention.

### H350

**P201** Obtain special instructions before use.

**P202** Do not handle until all safety precautions have been read and understand.

**P281** Use personal protective equipment as required.

**P308 + P313** If exposed or concerned: Get medical advice/attention.

**P405** Store locked up

H400

**P273** Avoid release to the environment.

**P391** Collect spillage.

H410

**P273** Avoid release to the environment.

**P391** Collect spillage.

Section 3 - Composition, Information on Ingredients
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CAS#	Chemical Name	Percent
7775-11-3	Sodium chromate	10 w/v
7732-18-5	Water	100 v/v

Section 4 - First Aid Measures
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**Eye Exposure:** In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

**Dermal Exposure:** In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes.

**Oral Exposure:** If Swallowing seek immediate medical advice.

**Inhalation Exposure:** If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

Section 5 - Fire Fighting Measures
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**NFPA** HEALTH 2 FLAMMABILITY 0 REACTIVITY 0

Firefighters should wear proper protective clothing and self contained breathing apparatus with full piece operated in positive pressure mode to prevent contact with skin and eyes. Water may be ineffective in fighting fire. Use water spray to keep for exposed containers cool.

**Extinguishing Media:** Use water spray, dry chemical powder, or appropriate foam.

**Flash Point:** N/A

**Auto ignition Temperature:** N/A

**Explosion Limits:** N/A

**Upper:** N/A

#### Section 6 - Accidental Release Measures

**Procedure(s) of Personal Precaution(s):**

Wear protective gear.

**Methods for Cleaning up:** Absorb with sand, earth or vermiculite. Carefully sweep up and containerize for proper disposal.

#### Section 7 - Handling and Storage

Use care when handling. Avoid contact with skin, eyes and clothing. Store at room temperature.

#### Section 8 - Exposure Controls, Personal Protection

**Engineering Controls:**

Mechanical exhaust

**Personal Protective Equipment:**

Other: Wear appropriate government approved respirator, chemical-resistant gloves, safety goggles, other protective clothing.

#### Section 9 - Physical and Chemical Properties

**Physical State:** Liquid

**Appearance:** yellow

**pH:** N/A

**water.**

**Vapor Pressure:** 2.3 kPa @ 20deg. C

**Vapor Density:** 0.62 (Air=1)

**Evaporation Rate:** N/A

**Viscosity:** N/A

**Boiling Point:** 100 deg. C

#### Section 10 - Stability and Reactivity

**Chemical Stability:** Use care when handling. Avoid contact with skin, eyes and clothing. Store at room temperature.

**Hazardous Decomposition Products:** not known

**Hazardous Polymerization:** Will not occur.

## Section 11 - Toxicological Information

CAS# 7775-11-3

Oral (LD50): Acute: 52 mg/kg

LC50: None Listed: Rat-4h-100 mg/m<sup>3</sup>

### **Carcinogenicity:**

Ssodium Chromate:

NTP: Known to be human carcinogen

OSHA: specifically regulated carcinogen

Classified group 1 carcinogen by IARC

**Routes of exposure:** Multiple routes: May cause irritation, May be harmful by ingestion, or skin absorption.

## Section 12 - Ecological Information

### **Ecotoxicity:**

FISH: LC50-pimephales promelas. 17.6 mg/l-96.0 h

## Section 13 - Disposal Considerations

### **Appropriate method of disposal of substance or preparation:**

Handled as hazardous waste and sent to an RCRA approved incinerator or disposed in an RCRA approved wasted facility.

## Section 14 – Transport Information

### **DOT**

Proper shipping name: Toxic liquids, inorganic, n.o.s. (Sodium Chromate Solution)

UN3287

PG II 6.1

## Section 15 - Regulatory Information

### Canada Regulatory Information

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

### **European/International Regulations**

#### **European Labeling in Accordance with EC Directives**

**Risk Phrases:** Toxic

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed

R36/38 Irritating to eyes and skin

R45 May cause cancer

R42/43 May cause sensitization by inhalation and skin contact

R48/20/21/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed

**Safety Phrases:**

S3/7/9 Keep container closed in a cool, well-ventilated place

S24/25 Avoid contact with skin and eyes

S20/21 When using do not eat, drink or smoke

S2 Keep out of the reach of children.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S28 After contact with skin, wash immediately with plenty of soap and water

S37/39 Wear suitable gloves and eye/face protection

R42/43 May cause sensitization by inhalation and skin contact

Section 16 - Additional Information
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**MSDS Creation Date:** 1/8/2010

**Revision #1** 11/14/14

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