

Material Safety Data Sheet

# SCOTT'S WATER SOLUTION

## Section 1 - Chemical Product and Company Identification

**MSDS Name:** Scott's Water Solution  
**Catalog Numbers:** A-140-6, L-759-4, SO-430  
**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

**H303 Acute Oral Toxicity:** 5  
**H313 Acute Dermal Toxicity:** 5  
**H316 Skin Corrosion/ Skin Damage:** 3  
**H320 Eye Damage/ Irritation:** 2B  
**H373 Specific Target Organ Toxicity:** 2

#### Physical Hazards

Not classified

#### Environmental Hazards

**Aquatic Acute Environmental Hazards:** Not Classified  
**Chronic Environmental Hazards:** Not Classified

### Pictograms or Hazard Symbols and Hazard Statement

#### Precautionary Statement Prevention

**Warning! Harmful**  
if swallowed

**Warning! May be harmful**  
in contact with skin

**Warning! Causes**  
mild skin irritation

**Warning! Causes**  
eye irritation



**Warning! May cause to damage to following organs: kidney, liver and central nervous system through prolonged or repeated exposure.**

**H303 + H313**

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

**H316**

**P332 + P313** If skin irritation occurs, get medical advice/attention.

**H320**

**P264** Wash thoroughly after handling.

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

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

**H373**

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

**P314** Get medical advice/attention if you feel unwell.

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

**Warning!** Solution may be **IRRITATING** to skin and or eyes. Avoid all routes of exposure including contact and inhalation. Thymol has been added as a preservative. May cause to damage to following organs: kidney, liver and central nervous system through prolonged or repeated exposure.

#### Section 3 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent
144-55-8	Sodium Bicarbonate	0.2w/v
10034-99-8	Magnesium Sulfate	2w/v
89-83-8	Thymol	0.02-0.1w/v
7732-18-5	Water	100v/v

#### Section 4 - First Aid Measures

**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

**NFPA** HEALTH 1 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.

**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:** Clear

**pH:** 7.71-8.11

**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:** Stable at room temperature in closed containers under normal storage and handling conditions.

**Hazardous Decomposition Products:** Gaseous carbon dioxide.

**Hazardous Polymerization:** Will not occur.

**Incompatibilities with other materials:** Reacts with acids to form carbon dioxide.

**Conditions to Avoid:** Moisture and incompatibles

## Section 11 - Toxicological Information

Acute Oral Toxicity (LD50)

Sodium Bicarbonate CAS#144-55-8 3360mg/kg [Mouse] 4220mg/kg[Rat]

Magnesium Sulfate CAS#10034-99-8 1200mg/kg [Rat] 645mg/kg [Mouse] subcutaneous

Thymol CAS#89-83-8 980mg/kg [Rat] 640mg/kg [Mouse] 880mg/kg [Guinea pig]

**Route of exposure:**

Multiple routes: May cause irritation. May be harmful by inhalation, ingestion, or skin absorption.

**Conditions aggravated by exposure:**

The toxicological properties have not been thoroughly investigated.

## Section 12 - Ecological Information

**Ecotoxicity:**

**CAS# 144-55-8 / CAS# 10034-99-8/ CAS# 89-83-8**

**Environmental:** No information available.

**Physical:** No information available.

**Other:** No information available.

## 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**

Non-Regulated

## Section 15 - Regulatory Information

### US Classification and label test

US Statements: Caution: Irritant to skin and eyes.

### United States Regulatory Information

SARA Listed: No

### 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.

DSL: no

NDSL: no

### European/International Regulations

#### European Labeling in Accordance with EC Directives

#### Risk Phrases:

R22 Harmful if swallowed

R36/37/38 Irritating to eyes, respiratory system and skin

R48/20/22 Harmful: damage of serious damage to health by prolonged exposure through inhalation and if swallowed

#### Safety Phrases:

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

S2 Keep out of the reach of children

S7 Keep container tightly closed

S9 Keep container in a well-ventilated place

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

S24/25 Avoid contact with skin and eyes

S36 Wear suitable protective clothing

## Section 16 - Additional Information

**MSDS Creation Date:** June 6, 1997

**Revision #3** 9/6/13 MH

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