

# PROTARGOL, 2% AQUEOUS

## Section 1 - Chemical Product and Company Identification

**SDS Name:** Protargol, 2% Aqueous

**Catalog Numbers:** SO-582

**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

**H302-Acute Oral Toxicity:** 4

**H316-Skin corrosion/ Irritation:** 3

**H320-Eye Damage/Irritation:** 2B

### PHYSICAL HAZARDS

Not classified

### ENVIRONMENTAL HAZARD

**Acute environmental Hazards:** Not classified

**Chronic environmental Hazards:** Not classified



Warning! Harmful if  
swallowed



Warning! Causes eye irritation  
Causes mild skin irritation

### Precautionary Statement Prevention

#### **H302**

**P264** Wash thoroughly after handling

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

**P301 + P312** If swallowed, call a physician if you feel unwell.

**P330** Rinse mouth.

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

**H316**

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

**H320**

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

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

**WARNING! Harmful if swallowed.** Do not eat, drink or smoke when using this product. Do not breathe vapor use with adequate ventilation. **Causes mild skin irritation. Causes eye irritation.** Wash thoroughly after handling. Read MSDS before using.

Section 3 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent
9015-51-4	Silver protein	2w/v
7732-18-5	Water	balance

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 swallowed, wash out mouth with water provided person is conscious. Call a physician.

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

Section 5 - Fire Fighting Measures

**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.

**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:** Tan color.

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

**Hazardous Decomposition Products:** Will not occur.

**Hazardous Polymerization:** Will not occur.

**Materials to be avoided:** Light and oxidizing agents

## Section 11 - Toxicological Information

**LD50 and LC50 (9015-51-4):** Not Available

### Route of exposure:

Multiple routes: May cause eye and skin irritation. May be harmful by ingestion or skin absorption.

### Conditions aggravated by exposure:

The toxicological properties have not been thoroughly investigated.

## Section 12 - Ecological Information

**Ecotoxicity:** No data available.

**BOD5 and COD:** Not 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 waste facility.

Section 14 – Transport Information

**DOT**

Non-Regulated

Section 15 - Regulatory Information

**Risk Phrases:**

R21/22 Harmful in contact with skin and swallowed  
R36/38 Irritating to eyes and skin

**Safety Phrases:**

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S36 Wear suitable protective clothing.  
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 SDS contains all the information required by the CPR.

DSL: no

NDSL: no

Section 16 - Additional Information

**MSDS Creation Date:** May 11, 2012

**Revision #** 1 6/4/14 YM 7/9/14 MH

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