

# MATERIAL SAFETY DATA SHEET

## **SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**CHEMICAL NAME:** Ponceau S Stain  
**TRADE NAME:** Ponceau S  
**Cat#** ST-180

COMPANY IDENTIFICATION: **BOSTON BIOPRODUCTS, INC**  
**9 SHORT STREET,**  
**WORCESTER, MA 01604**

For information, call: 1-508-756-6677

## **2. Hazardous Components:**

**Chemical Name:** Water **Percent:** 95% **CAS No.:** 7732-18-5,  
**Chemical Name:** Acetic acid, **Percent:** 5% , **CAS No.:** 64-19-7 ,  
**Chemical Formula:** Ponceau S (0.2%), Cas# 6226-79-5

## **SECTION 3 - HAZARDS IDENTIFICATION**

**Emergency Overview:** Can be harmful if swallowed or inhaled. Can causes irritation to skin, eyes and respiratory tract.

### **Potential Health Effects:**

**Inhalation:** Inhalation of concentrated vapors can cause irritation or damage to the mucous membranes of the respiratory tract. Symptoms may include coughing, sneezing or difficulty breathing.

**Ingestion:** Can cause irritation and reddening to the mucous membranes of the mouth, esophagus and gastrointestinal tract if ingested in large enough quantities. Swallowing in large enough quantities can cause severe injury leading to death due to the Acetic acid content. Symptoms may include sore throat, nausea, vomiting and diarrhea.

**Skin Contact:** Causes irritation to skin. Symptoms include redness, itching and pain or inflammation upon prolonged contact.

**Eye Contact:** Causes irritation, redness and pain.

**Chronic Exposure:** Chronic dermatitis, darkening of skin, erosion of exposed front teeth and chronic inflammation of the mucous membranes of the respiratory tract may follow repeated and/or prolonged skin contact to large enough quantities.

**Aggravation of Pre-existing Conditions:** Persons with pre-existing skin disorders or eye problems, or impaired liver, kidney or respiratory function may be more susceptible to the effects of exposure to this solution.

## **SECTION 4-FIRST-AID MEASURES**

**AFTER INHALATION** - If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**AFTER SKIN CONTACT** - In case of contact, immediately wash skin with soap and copious amounts of water.

**AFTER EYE CONTACT** - 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.

AFTER INGESTION - If swallowed, wash out mouth with water provided person is conscious. Call a physician.

### **SECTION 5-FIRE FIGHTING MEASURES**

**Fire:** Not considered to be a fire hazard.

**Explosion:** Not considered to be an explosion hazard.

**Fire Extinguishing Media:** Water spray, dry chemical, alcohol foam, or carbon dioxide.

**Special Information:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

### **SECTION 6-ACCIDENTAL RELEASE MEASURES**

PROCEDURE(S) OF PERSONAL PRECAUTION(S) - Exercise appropriate precautions to minimize direct contact with skin or eyes.

METHODS FOR CLEANING UP - Mop up, place in waste disposal. Wash spill site after material pickup is complete.

### **SECTION 7-HANDLING AND STORAGE**

HANDLING - Directions for Safe Handling: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

STORAGE - Conditions of Storage: Keep tightly closed.

### **SECTION 8-EXPOSURE CONTROLS/PERSONAL PROTECTION**

ENGINEERING CONTROLS - Safety shower and eye bath.

GENERAL HYGIENE MEASURES - Wash thoroughly after handling.

PERSONAL PROTECTIVE EQUIPMENT - Hand Protection: Protective gloves. Eye Protection: Chemical safety goggles.

### **SECTION 9-PHYSICAL AND CHEMICAL PROPERTIES**

Appearance Physical State: Reddish Liquid

Property Value At Temperature or Pressure

BP/BP Range N/A MP/MP Range N/A Flash Point N/A Flammability N/A

Autoignition Temp N/A Oxidizing Properties N/A Explosive Properties N/A Explosion Limits N/A

Vapor Pressure N/A Partition Coefficient N/A Viscosity N/A Vapor Density N/A

Saturated Vapor Conc. N/A Evaporation Rate N/A Bulk Density N/A Decomposition Temp. N/A

Solvent Content N/A Water Content N/A Surface Tension N/A Conductivity N/A

Miscellaneous Data N/A Solubility N/A

### **SECTION 10-STABILITY AND REACTIVITY**

STABILITY - Stable, Materials to Avoid:

HAZARDOUS DECOMPOSITION PRODUCTS - Hazardous Decomposition Products: No data

HAZARDOUS POLYMERIZATION - No data

### **SECTION 11-TOXICOLOGICAL INFORMATION**

ROUTE OF EXPOSURE - Skin Contact: May cause skin irritation. Skin Absorption: May be harmful if absorbed through the skin. Eye Contact: May cause eye irritation. Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract. Ingestion: May be harmful if swallowed.

### **SECTION 12- ECOLOGICAL INFORMATION**

No data available.

**SECTION 13-DISPOSAL CONSIDERATIONS**

Observe all federal, state, and local environmental regulations.

**SECTION 14-TRANSPORT INFORMATION**

Not Regulated

**SECTION 15- REGULATORY INFORMATION**

Data not Available

**SECTION 16-OTHER INFORMATION**

WARRANTY - The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Boston BioProducts shall not be held liable for any damage resulting from handling or from contact with the above product.