

## LEISHMAN STAIN

### SECTION 1: PRODUCT IDENTIFICATION

**Product Name:** LEISHMAN STAIN  
**Product Code:** 1674  
**CAS#:** 12627-53-1  
**CI#:** Not available  
**Synonym:** Eosin Methylene Blue  
**Chemical Formula:** Not available  
**Molecular Formula:** Not available

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

**Name:** LEISHMAN STAIN  
**Toxicological Data on Ingredients:** Classification according to Regulation (EC) No 1272/2008:  
Not Available

### SECTION 3: HAZARDS IDENTIFICATION

**Potential Acute Health Effects:** Ingestion causes inebriation, headache, nausea & vomiting leading to severe illness, blindness, and perhaps death. Liquid causes irritation. Inhalation of vapors may cause drowsiness, Nausea & vomiting.  
**Potential Chronic Health Effects:** Ingestion causes inebriation, headache, nausea & vomiting leading to Severe illness, blindness, and perhaps death. Liquid causes irritation. Inhalation of vapors may cause Drowsiness, nausea & vomiting.  
**Carcinogenic Effects:** Not available  
**Mutagenic Effects:** Not available  
**Teratogenic Effects:** Not available  
**Developmental Toxicity:** Not available

### SECTION 4: FIRST AID MEASURES

**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. WARM water MUST be used. Get medical attention if irritation occurs.  
**Skin Contact:** If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical got on the victim's exposed skin, such as the hands : Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.  
**Serious Skin Contact:** Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention  
**Inhalation:** Allow the victim to rest in a well-ventilated area. Seek immediate medical attention.  
**Serious Inhalation:** Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.  
**Ingestion:** Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.  
**Serious Ingestion:** Not available



### SECTION 5: FIRE FIGHTING MEASURES

**Flammability of the Product:** Non-flammable  
**Auto-Ignition Temperature:** Not applicable  
**Flash Points:** Not applicable  
**Flammable Limits:** Not applicable  
**Products of Combustion:** Not available  
**Explosion Hazards in Presence of Various Substances:** Risks of explosion of the product in presence of mechanical impact: Not available. Slightly explosive in presence of open flames and sparks.  
**Fire Fighting Media and Instructions:** Not applicable  
**Special Remarks on Fire Hazards:** Not applicable  
**Special Remarks on Explosion Hazards:** Not available

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Small Spill:** Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. If necessary: Neutralize the residue with a dilute solution of acetic acid.  
**Large Spill:** Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Neutralize the residue with a dilute solution of acetic acid. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

### SECTION 7: HANDLING AND STORAGE

**Precautions:** Keep locked up Keep container dry. Do not ingest. Do not breathe gas/fumes/ vapour/spray. Never add water to this product In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes Keep away from incompatibles such as oxidizing agents, acids, moisture.  
**Storage:** May corrode metallic surfaces. Store in a metallic or coated fiberboard drum using a strong polyethylene inner package. Corrosive materials should be stored in a separate safety storage cabinet or room.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.  
**Personal Protection:** Face shield. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Boots  
**Personal Protection in Case of a Large Spill:** Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.  
**Exposure Limits:** Not Available.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state and appearance</b>	:	Liquid/ Solid (in different packs)
<b>Colour</b>	:	Colourless liquid
<b>Odor</b>	:	Not available
<b>Taste</b>	:	Not available
<b>Ph</b>	:	Not available



Boiling Point	:	Not available
Melting Point	:	Not available
Critical Temperature	:	Not available
Specific Gravity	:	Not available
Vapor Pressure	:	Not applicable
Vapor Density	:	Not available
Volatility	:	Not available
Odor Threshold	:	Not available
Water/Oil Dist. Coeff.	:	Not available
Ionicity (in Water)	:	Not available
Dispersion Properties	:	Not available
Solubility	:	Not available

#### SECTION 10: STABILITY AND REACTIVITY DATA

**Stability:** The product is stable  
**Instability Temperature:** Not available  
**Conditions of Instability:** Not available  
**Incompatibility with various substances:** Not available  
**Special Remarks on Reactivity:** Not available  
**Polymerization:** Will not occur

#### SECTION 11: TOXICOLOGICAL INFORMATION

**Routes of Entry:** Eye contact. Inhalation. Ingestion.  
**Toxicity to Animals:**  
**LD50:** Not available  
**LC50:** Not available  
**Chronic Effects on Humans:** The substance is toxic to kidneys, the nervous system, mucous membranes, lungs  
**Special Remarks on Toxicity to Animals:** Not available  
**Special Remarks on Chronic Effects on Humans:** Not available  
**Special Remarks on other Toxic Effects on Humans:** Not available

#### SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Not available.  
**BOD5 and COD:** Not available.  
**Toxicity of the Products of Biodegradation:** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.  
**Toxicity of the Products of Biodegradation:** The products of degradation are less toxic than the product itself.  
**Special Remarks on the Products of Biodegradation:** Not available

#### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

#### SECTION 14: TRANSPORT INFORMATION

**DOT Classification:** Not Available  
**Identification:** Not applicable  
**Special Provisions for Transport:** Not applicable



### SECTION 15: OTHER REGULATORY INFORMATION

**Federal and State Regulations:** TSCA 8(b) inventory: Listed  
**Other Regulations:** Not available  
**Other Classifications:**  
**WHMIS (Canada):** Not controlled under WHMIS (Canada)  
**DSD (EEC):** This product is not classified according to the EU regulations.  
**HMIS (U.S.A.):**  
**Health Hazard:** 2  
**Fire Hazard:** 0  
**Reactivity:** 0  
**Personal Protection:** E  
**National Fire Protection Association (U.S.A.):**  
**Health:** 2  
**Flammability:** 0  
**Reactivity:** 0  
**Specific Protection:** Not Available

### SECTION 16: OTHER INFORMATION

**References: H & R Statements:**  
Not Applicable

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