

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Esculin Reagent
PRODUCT CODES: AS-713

MANUFACTURER:
Anaerobe Systems

ADDRESS:
15906 Concord Circle
Morgan Hill, CA 95037

PHONE: (408) 782-7557

EMERGENCY INFORMATION:
CHEMTREC PHONE: (800) 424-9300

SECTION 2: HAZARDS IDENTIFICATION

OSHA Hazards
None

Hmis Rating
Health: 0
Flammability: 0
Reactivity: 0

Nfpa Rating:
Health: 0
Flammability: 0
Reactivity: 0

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This product contains a mixture of substances along with non hazardous substances. Hazardous ingredients within the product are at concentrations lower than the regulatory threshold limits specified by 29 CFR 1910.1200, but are only listed for reference.

CAS #	HAZARDOUS INGREDIENTS
367-51-1	Sodium Thioglycollate

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CAS #	HAZARDOUS INGREDIENTS
1185-57-5	Ammonium Iron III Citrate

SECTION 4: FIRST AID MEASURES

EYES: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Contact a doctor. Show doctor this MSDS.

SKIN: In case of contact, immediately wash skin with soap and copious amounts of water. Wash contaminated clothing before reuse. Contact a doctor.

INGESTION: If swallowed, wash out mouth with water provided person is conscious. Contact a doctor.

INHALATION: If inhaled, remove to fresh air. If not breathing give artificial respiration. Contact a doctor.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Water Spray. Carbon Dioxide, Dry Chemical Powder Or Appropriate Foam.

Firefighting Procedures

Wear Self-Contained Breathing Apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:**Personal Precaution:**

To minimize contact wear respirator, chemical safety goggles, rubber boots And heavy rubber gloves. Avoid breathing gas, vapors or mist. Ventilate area.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

Handling:

User Exposure: Avoid inhalation. avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Wash Thoroughly After Handling. Also See Section 8.

Avoid inhaling mist or vapors. Follow normal measures to prevent fire.

Storage: 2-8 °C

Suitable: Keep tightly closed.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment:**Respirator**

Respirator not required

Hands

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection

Face shield and safety glasses

General Hygiene Measures:

Safety shower and eye bath. Do not inhale. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Yellow

ODOR: None

PHYSICAL STATE: Liquid

pH AS SUPPLIED: Neutral

SOLUBILITY IN WATER: Soluble

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents and strong acids.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Hazardous decomposition products formed under fire conditions. - Carbon oxides

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Potential health effects**Inhalation:**

None.

Ingestion:

None.

Skin:

None.

Eyes:

Causes eye irritation.

Signs and Symptoms of Exposure:

None

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Data not yet available.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Smaller quantities can be disposed of with solid waste.
Dispose of material in accordance with federal (40 CFR 261.3), state and local requirements.

This product is not considered a RCRA hazardous waste.

SECTION 14: TRANSPORT INFORMATION

Dot

Proper Shipping Name: None

Non-Hazardous For Transport:

This Substance Is Considered To Be Non-Hazardous For Transport.
Non-Hazardous For Aid Transport: Non-Hazardous For Air.

SECTION 15: REGULATORY INFORMATION

SARA Section 355 (extremely hazardous substances)

Substance is not listed.

SARA Section 313 (specific toxic chemical listings)

Substance is not listed.

TSCA (Toxic Substances Control Act)

Substance is not listed.

California Proposition 65 - Chemicals known to cause cancer

Substance is not listed.

California Proposition 65 - Chemicals known to cause reproductive toxicity for females:

Substance is not listed.

California Proposition 65 - Chemicals known to cause reproductive toxicity for males:

Substance is not listed.

California Proposition 65 - Chemicals known to cause developmental toxicity:

Substance is not listed.

Carcinogenic categories**NTP (National Toxicology Program)**

Substance is not listed.

TLV (Threshold Limit Value established by ACGIH)

Substance is not listed.

Product related hazard information:

Observe the general safety regulations when handling chemicals

The substance is not subject to classification according to the sources of literature known to us.

The product is not subject to identification regulations pertaining to regulations on hazardous materials.

National regulations**Water hazard class:**

Generally not hazardous for water.

SECTION 16: OTHER INFORMATION

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. Anaerobe Systems shall not be held liable for any damage resulting from handling or from contact with the above product.