

Product Name **EHRlichS HAEMATOXYLIN**

Ingredient	Conc.	CAS No.
ACETIC ACID	<10%	64-19-7
WATER	30 - 60%	7732-18-5
ETHANOL	30 - 60%	64-17-5
ALUMINIUM AMMONIUM SULFATE	<10%	7784-25-0

Shipping **NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA**
ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

Synonyms FRONINE EHRlichS HAEMATOXYLIN, HAEMATOXYLIN.

Appearance DARK MAROON COLOURED LIQUID

Odour SLIGHT ODOUR

Use(s) LABORATORY REAGENT, LABORATORY APPLICATIONS, CHEMICAL REAGENT.

Supplier FRONINE LABORATORY SUPPLIES Ph: 02 9627 3600 Emerg. Ph: 13 11 26

Stock No. 426.

Poison Sched None Allocated

Hazchem 2[Y]

UN No. 1170

D.G Class 3

Pkg Group III

EPG 3A1

Sub/Tert Risk None Allocated

HEALTH HAZARDS

Health Hazard Summary Low toxicity - irritant. This product may only present a hazard with direct eye contact, prolonged and repeated skin contact or with vapour inhalation at high levels. High level over exposure may cause headache, dizziness and nausea. Chronic effects are not anticipated.

Eye Low to moderate irritant. Direct contact may result in irritation, pain and redness.

Inhalation Low irritant. Adverse effects are not anticipated with normal use. At very high levels (eg. confined spaces), symptoms may include mucous membrane irritation, coughing, headache and nausea.

Skin Low irritant. Prolonged and repeated contact may result in irritation, skin rash and dermatitis.

Ingestion Low toxicity. Ingestion of large doses may result in nausea, vomiting, abdominal pain, diarrhoea, and drowsiness. Aspiration may result in chemical pneumonitis and pulmonary oedema.

PRECAUTIONS

Flammability Flammable. May evolve toxic gases (hydrocarbons, carbon oxides) when heated to decomposition.

Reactivity Incompatible with oxidising agents (eg. hypochlorites, peroxides), acids (eg. sulfuric acid), heat and ignition sources.

Ventilation Do not inhale vapours. Use in well ventilated areas. In poorly ventilated areas, mechanical explosion proof extraction ventilation is recommended.

PERSONAL PROTECTIVE EQUIPMENT

PPE Wear splash-proof goggles and PVC or rubber gloves. When using large quantities or where heavy contamination is likely, wear coveralls and neoprene gloves. Where an inhalation risk exists, wear a Type A (Organic vapour) Respirator.



Colour
Rating
GREEN

Chem Alert Report

Manufacturer's Material Safety Data Sheet

Product Name **EHRlichS HAEMATOXYLIN**

FIRST AID

- Eye** Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre, or for at least 15 minutes.
- Inhalation** If exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.
- Skin** Gently flush affected areas with water. Seek medical attention if irritation develops.
- Ingestion** For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor. If swallowed, do not induce vomiting.

SAFE HANDLING

- Storage** Store in cool, dry, well ventilated area, removed from oxidising agents (eg. hypochlorites), acids (sulfuric acid), heat sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Large storage areas should have appropriate ventilation systems.
- Waste Disposal** Wearing the protective equipment outlined, ensure all ignition sources are extinguished. For small quantities, absorb on paper, sand or similar and evaporate under a fume cupboard or open area. For large volumes, atomise into incinerator (mixing with more flammable solvent if required) or recycle by gravimetric separation, distilling & reusing. Contact the manufacturer for additional information if required.
- Transport** Class 3 Flammable liquid. Do not transport with chemicals of class; 1 (Explosives), 2.1/ 2.3 (Flammable/ Toxic gases), 4.2 (Spontaneously combustibles), 5.1 (Oxidising agents), 5.2 (Organic peroxides), 6 (Toxics), 7 (Radioactives) and foodstuffs.

EMERGENCY

- Spillage** If spilt (bulk), eliminate all ignition sources. Absorb spill with sand or similar. Wear splash-proof goggles, PVC/rubber gloves and coveralls. Where an inhalation risk exists, wear a Type A (Organic vapour) respirator. Collect and place in sealable containers for disposal.
- Fire and Explosion** Flammable. Evacuate area and contact emergency services. Toxic gases (hydrocarbons, carbon oxides) may be evolved. Remain upwind and notify those downwind of hazard. Wear full protective equipment (see spill above) including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.
- Extinguishing** Dry agent, carbon dioxide or foam. Prevent contamination of drains or waterways. Absorb runoff with sand or similar.

PHYSICAL AND CHEMICAL PROPERTIES

Flammability: FLAMMABLE
Boiling Point: NOT AVAILABLE
Exposure Standard: 10 ppm Acetic acid
pH: NOT AVAILABLE
Specific Gravity: 0.9 (Approximately)
Vapour Pressure: NOT AVAILABLE
Lower Explosion Limit: 3.3 % (Ethanol)

Flash Point: 30 C (Approximately)
Melting Point: NOT AVAILABLE
Evaporation Rate: NOT AVAILABLE
% Volatiles: > 80 %
Solubility (water): SOLUBLE
Upper Explosion Limit: 19.0 % (Ethanol)