

HELENA LABORATORIES**SAFETY DATA SHEET**

DATE PREPARED: 7/23/2025

REVISION: 1

1. IDENTIFICATION**Product number:** 5331**Product identifier used on the label:** AFSC Hemo Control**Recommended use of the chemical and restrictions in use:** For In-Vitro Diagnostic use.**Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:**

Helena Laboratories
1530 Lindbergh Dr.
Beaumont, TX 77707
Tel: (409) 842-3714
USA Toll Free 800-231-5663

Emergency phone number:

(409) 842-3714

2. HAZARD IDENTIFICATION**GHS Classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

This product contains human-derived biological material and is classified as Biohazardous under OSHA 29 CFR 1910.1030

Label elements:**Signal word:** Warning**Precautionary Statements:**

Use universal precautions, Treat as potentially infectious material.
Wear appropriate PPE (gloves, eye protection, lab coat)
Avoid contact with skin, eye, and mucous membranes.

Hazard not otherwise classified or not covered by GHS: None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical Name	CAS #	Concentration
Potassium Cyanide	151-50-8	< 0.08 %

4. FIRST AID MEASURES

Description of first aid measures:

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration. Consult a physician.

Skin contact: Immediately wash off with soap and plenty of water. If skin irritation occurs, get medical attention. Take off contaminated clothing.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician.

Ingestion: Do not induce vomiting. Rinse mouth with water. Consult a physician.

5. FIREFIGHTING MEASURES

Extinguishing media: Suitable extinguishing media: Water spray, Dry chemical, carbon dioxide, or Alcohol resistant foam.

Special hazards arising from the substance or mixture: Non-combustible.

Special protective equipment and precautions for fire fighters: Wear proper protective equipment and self-contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Wear personal protective equipment. Soak up with inert absorbent material and transfer to container for proper disposal.

Methods and materials for containment and cleaning up: Do not allow material to enter drains/surface water/ground water. Ventilate the area.

7. HANDLING AND STORAGE

Precautions for safe handling: Wear personal protective equipment; avoid contact with skin and eye.

Conditions for safe storage, including any incompatibilities: Store at recommended temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits (AGGIH TLV & OSHA PEL):

Chemical Name	AGGIH TLV	OSHA PEL
Potassium cyanide	5 mg/m ³	5 mg/m ³

Exposure controls

Respiratory protection: Not normally required

Skin protection: Wear appropriate protective gloves and suitable protective clothing.

Eye protection: Wear appropriate safety glasses or goggles.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

AFSC Hemo Control

Appearance: Dark Red color liquid

Odor: No data available

Odor threshold: No data available

pH: No data available

Melting point/Freezing point: No data available

Initial boiling point and range: No data available

Flash point: No data available

Evaporation rate: No data available

Flammability (solid, gas): No data available

Upper/lower flammability or explosive limits: No data available

Vapor pressure: No data available

Relative density: No data available

Solubility in water: Fully soluble

Partition coefficient: n-octanol/water: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

10. STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions.

Chemical stability: Stable when stored under recommended conditions.

Possibility of hazard reaction: none known

Conditions to avoid: Heat, Hot surfaces, Flames

Hazard decomposition products: No data available

11. TOXICOLOGICAL INFORMATION

Product Information: No acute toxicity information is available for this product.

Oral LD50: Based on ATE data, the classification criteria are not met. ATE>2000 mg/kg.

Chemical Name	LD 50 (oral, rat)
Potassium Cyanide	7.49 mg/kg

Potential health effects:

Irritating to eyes, respiratory system and skin

Carcinogenicity: No components are listed as carcinogen by AGGIH, IARC, OSHA or NTP.

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

12. ECOLOGICAL INFORMATION

Ecotoxicity: The product contains Potassium Cyanide, which is hazardous for the environment.

Persistence and degradability: Soluble in water. Persistence is unlikely based on information available.

Bioaccumulative potential: No information available

Mobility in soil: Will likely be mobile in environment due to its water solubility

13. DISPOSAL CONSIDERATION

Waste material must be disposed of in accordance with the national and local regulations

14. TRANSPORT INFORMATION

DOT (US): Not regulated

15. REGULATORY INFORMATION

US State Right to Know Laws:

California Proposition 65:

AFSC Hemo Control: This product contains a Potassium Cyanide, which is known to the State of California to cause developmental harm.

For more information, go to www.p65warnings.ca.gov

International Regulations:

EU Reach (1907/2006) - Annex XVII, Use restricted: Potassium Cyanide

16. OTHER INFORMATION

SDS Creation date: 7/23/2025

Revision: 1

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