

SAFETY DATA SHEET

HELENA LABORATORIES
1530 Lindbergh Dr.
Beaumont, TX 77707
USA Toll Free 800-231-5663

DATE PREPARED: 2/2/2024

REVISION: 2

1. IDENTIFICATION

Product number: 3384

Product identifier used on the label: SPIFE IgG IEF Chromogen

Other means of identification:

Component Name	Component Number
IgG IEF Chromogen	552201

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
USE Toll Free 800-231-5663

Emergency phone number:
(409) 842-3714**2. HAZARD IDENTIFICATION**

Classification of the chemical:

Component Name	GHS Classification	Hazard Statement
IgG IEF Chromogen	Carcinogenicity (Category 1B)	May cause cancer

NOTE: All other components present no significant physical or chemical hazard.

Label elements:

Signal word: Danger

Precautionary statements:**May cause cancer**

Wear protective gloves/protective clothing/eye and face protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	Chemical Name	CAS #	Concentration
IgG IEF Chromogen	3-Amino-9-ethylcarbazole	132-32-1	≥25%

4. FIRST AID MEASURES**Description of first aid measures:**

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

Skin contact: Wash off with soap and plenty of water. Consult a physician.

Eye contact: Flush eyes with water as a precaution. Consult a physician.

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

5. FIREFIGHTING MEASURES

Extinguishing media: Water spray, dry chemical, carbon dioxide, or alcohol resistant foam.

Special hazards arising from the substance or mixture: Carbon oxides, nitrogen oxides.

Special protective equipment and precautions for firefighters: 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.

Methods and materials for containment and cleaning up: Mop up powder spills with wetted paper tissue and liquid spills with absorbent material. Transfer in suitable container for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling: Wear personal protective equipment, avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities: Store as per specified instructions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits (AGGIH TLV & OSHA PEL):

Chemical Name	AGGIH TLV	OSHA PEL
3-Amino-9-ethylcarbazole	Not known	Not known

Exposure controls:

Respiratory protection: Not 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

IgG IEF Chromogen

Appearance: Brown powder

Odor: None

Odor threshold: No data available

pH: No data available

Melting point/Freezing point: 98-100°C (208-212°F)

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: No data available

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

IgG IEF Chromogen

Reactivity: No data available.

Chemical stability: Stable under recommended storage condition.

Conditions to avoid: No data available.

Incompatible materials: Strong oxidizing agents, acids.

Hazard decomposition products: Under fire conditions – carbon oxides, nitrogen oxides.

Possibility of hazard reaction: No data available.

11. TOXICOLOGICAL INFORMATION

IgG IEF Chromogen

Acute toxicity: No data available

Inhalation: No data available

Ingestion: No data available

Skin: No data available

Eye: No data available

Carcinogenicity: No components of this product present at level greater than or equal 0.1% is identified as probable, possible or confirmed human carcinogens 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

Eco-toxicity: No data available

Persistence and degradability: No data available

Bio-accumulative potential: No data available

Mobility in soil: No data available

Other adverse effects: No data available

13. DISPOSAL CONSIDERATION

Observe all federal, state and local regulations.

14. TRANSPORT INFORMATION

SPIFE IgG IEF Chromogen

DOT (US): Regulated as Hazardous Material during transportation.

UN number:

UN proper shipping name:

Transport hazard class:

Packing group:

15. REGULATORY INFORMATION

US State Right to Know Laws:

California Proposition 65: This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

16. OTHER INFORMATION

SDS Creation date: 5/28/2020

Revision #: 2

Disclaimer

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.