

SAFETY DATA SHEET

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

DATE PREPARED: 6/6/2024

REVISION: 6

1. IDENTIFICATION**Product number:** 3337, 3336, 3335**Product identifier used on the label:** SPIFE LD – 20, 40, 60 Kit**Other means of identification:**

Component Name	Component Number
SPIFE LD Gel Kit, 552610	
SPIFE LD Gel	552609
Citric Acid Destain	551959
LD Reagent Kit, 500610	
LD Reagent	500777
LD Diluent	500776

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
Citric Acid Destain (Powder)	Eye/Skin (Category 2)	Irritant

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

Note: Citric Acid Destain is not hazardous (< 1%) when dissolved following instructions on label.

Label elements:

Signal word: Warning

Precautionary Statements:

Skin: May cause skin irritation

Eye: May cause eye irritation

Inhalation: May be harmful if inhaled

Ingestion: Harmful if swallowed

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	Chemical Name	CAS #	Concentration
SPIFE LD Gel	Sodium Barbital	144-02-5	< 1 %
LD Diluent	Sodium Barbital	144-02-5	< 1 %
Citric Acid Destain (Liquid)	Citric Acid	77-92-9	< 1 %

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

4. 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) should be used.

Special hazards arising from the substance or mixture: Emit toxic fumes when heated.

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. 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 all kit components as per specified instructions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits (AGGIH TLV & OSHA PEL): No data available

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

Citric Acid Destain

Citric Acid Destain is not hazardous (< 1%) when dissolved following instructions on label.

10. STABILITY AND REACTIVITY

Reactivity: Stable under recommended transport or storage conditions.

Chemical stability: Stable under normal conditions

Possibility of hazard reaction: Hazard reactions will not occur under normal transport or storage conditions.

Conditions to avoid: Heat, Hot surfaces, Flames

Incompatible materials:

Hazard decomposition products: No data available

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure: No data available

Potential Health Effects:

Inhalation: May be harmful if inhaled

Ingestion: May be Harmful if swallowed

Skin: May cause skin irritation

Eye: May cause eye irritation

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: No data available

Persistence and degradability: No data available

Bioaccumulative 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

DOT (US): Not dangerous goods

UN number:

UN proper shipping name:

Transport hazard class:

Packing group:

15. REGULATORY INFORMATION

US State Right to Know Laws:

California Proposition 65:

SPIFE LD Gel: This product can expose you to Barbiturates, which is known to the state of California to cause developmental harm.

LD Diluent: This product can expose you to Barbiturates, which is known to the state of California to cause developmental harm.

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

16. OTHER INFORMATION

SDS Creation date: 5/5/2015

Revision: 6

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.