

## SAFETY DATA SHEET

HELENA LABORATORIES  
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Beaumont, TX 77707  
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DATE PREPARED: 5/9/2024

REVISION: 6

**1. IDENTIFICATION**

Product Number: 5086

Product identifier used on the label: Coloscreen ES Lab Pack

Other means of identification:

Component Name	Component Number
Coloscreen ES Single Slides	551742
Coloscreen ES Developer	551749

Recommended use of the chemical and restrictions in 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
Coloscreen ES Developer	Acute toxicity, inhalation (Category 5) Skin irritation (Category 3) Serious eye damage (Category 1)	Flammable (Category 2)

**Label elements:****Signal word:** Danger! Flammable**Precautionary statements:****Skin:** Cause mild skin irritation**Eye:** Cause serious eye damage**Inhalation:** May be harmful if inhaled**Ingestion:** May cause drowsiness or dizziness

Wear protective gloves/eye and face protection/protective clothing

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component Name	Chemical Name	CAS #	Concentration
Coloscreen ES Developer	n-Propanol	71-23-8	<70%
	Hydrogen Peroxide	7722-84-1	<6%

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

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**4. FIRST AID MEASURES****Description of first aid measures:****Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.**Skin contact:** Wash off with soap and plenty of water.**Eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.**Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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**5. FIREFIGHTING MEASURES****Conditions of flammability:** Keep away from heat/spark/open flame/hot surface. No smoking.**Extinguishing media:** Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture:** Carbon Oxides

**Special protective equipment and precautions for firefighters:** Wear self contained breathing apparatus for firefighting if necessary.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment, and emergency procedures:** Use personal protective equipment. Ensure adequate ventilation. Remove all source of ignition. Evacuate personnel to safe areas. Do not let product enter drains.

**Methods and materials for containment and cleaning up:** Contain spillage, collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handling:** Use personal protective equipment. Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition – No smoking.

**Conditions for safe storage, including any incompatibilities:** Keep containers tightly closed. Containers which are opened must be resealed.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure limits (AGGIH TLV & OSHA PEL):**

Chemical Name	AGGIH TLV	OSHA PEL
n-Propanol	100 ppm	200 ppm
Hydrogen Peroxide	1 ppm	1 ppm

**Exposure controls:**

**Respiratory protection:** Use NOISH approved respirators.

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

**Eye protection:** Wear appropriate eye protection (safety glasses, goggles or face shield).

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Clear colorless 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:** Completely soluble

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

**Auto-ignition temperature:** No data available

**Decomposition temperature:** No data available

**Viscosity:** No data available

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**10. STABILITY AND REACTIVITY**

**Reactivity:** No data available

**Chemical stability:** Stable under recommended storage conditions.

**Possibility of hazard reaction:** Vapors may form explosive mixture in the air.

**Conditions to avoid:** Heat, flames and sparks.

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**Incompatible materials:** Strong oxidizing agents.

**Hazard decomposition products:** In the event of fire: Carbon oxides

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## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure:**

**Toxicological data:** LD 50: No data available

**Carcinogenicity:** No components of this product are listed as carcinogen by IARC, NTP or OSHA.

**Potential health effects:**

**Skin:** May be harmful if absorbed through skin. Cause skin irritation.

**Eye:** Cause eye irritation.

**Inhalation:** May be harmful if inhaled. Vapors may cause drowsiness and dizziness.

**Ingestion:** May be harmful if swallowed.

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

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## 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

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## 13. DISPOSAL CONSIDERATION

Observe all federal, state and local regulations.

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**14. TRANSPORT INFORMATION**

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

**UN number:**

**UN proper shipping name:**

**Transport hazard class:**

**Packing group:**

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**15. REGULATORY INFORMATION****California Proposition 65: WARNING:**

Coloscreen ES Single Slides, 551742 (positive monitor): This product can expose you to lead acetate which is known to the State of California to cause cancer.

For more information, go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

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**16. OTHER INFORMATION**

**SDS Creation date:** 4/7/2014

**Revision #:** 6

**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.