SAFETY DATA SHEET

HELENA LABORATORIES
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DATE PREPARED: 12/9/2020
REVISION: 4

1. IDENTIFICATION

Product Number: 5088

Product identifier used on the label: Coloscreen ES Developer

Other means of identification:

Component Name	Component Number
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:

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Beaumont, TX 77704-0752
Tel: (409) 842-3714
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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

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

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.

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

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.

Incompatible materials: Strong oxidizing agents.

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

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.

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

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.

Other US State "Right to Know" List: The following chemicals are listed by individual States:

n-Propanol (MA, PA, NJ)

Hydrogen Peroxide (MA, PA, NJ)

16. OTHER INFORMATION

SDS Creation date: 4/7/2014

Revision #: 4

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.