



Trade Name: MiniOne® GelGreen™ DNA Stain

MSDS

Revision Date: June 20th 2024

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Code: GelGreen™ DNA Stain, 10,000X in water
Trade Name: GelGreen™ DNA Stain
Synonym: Nucleic acid stain, nucleic acid dye

Company Identification: Embi Tec or The MiniOne Systems
7738 Arjons Drive
San Diego, CA 92126
USA
858-684-3190

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

This experimental lab kit includes the following chemical(s) listed below.

Component	CAS-No.	EC-No.	Weight
GelGreen™	N/A	N/A	<1%
Water	7732-18-5	N/A	>99%

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview: May cause sensitization by skin contact. An eye irritant.

Potential Health Effects:

Eyes Direct contact can cause eye irritation including redness, tearing & pain.
Skin May cause mild irritation in susceptible persons
Ingestion May cause gastrointestinal irritation, nausea & discomfort

SECTION 4: FIRST AID MEASURES

Skin contact: Wash off immediately with plenty of water
Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
Ingestion: Get medical attention immediately; never give anything by mouth to an unconscious person
Inhalation: Move to fresh air
Notes To physician: Treat symptomatically

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Noncombustible solution
Special Protective Equipment for Firefighters: Wear self-contained breathing apparatus and protective suit



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SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment
Methods for Cleaning Up: Soak up with inert absorbent material, if needed

SECTION 7: HANDLING AND STORAGE

Handling: Avoid inhalation of vapor or mist. Avoid direct contact with substance.
Storage: Keep in labeled containers. Stored at room temperature (10 to 25 °C recommended).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit Values: None established
Exposure Controls: Use process enclosures, local exhaust ventilation, or other engineering controls as needed
Respiratory Protection: Use an approved air-purifying respirator as needed
Eye/Face Protection: Use safety glasses or chemical goggles
Skin/Hand Protection: Use chemical gloves as needed. Wear lightweight protective clothing
Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice
Environmental Exposure Controls: Prevent product from entering drains

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Red colored liquid
Odor: None
Flash Point: Data not available
Viscosity: Data not available
Solubility: Aqueous solution
Density: Data not available
Boiling Point: Data not available
Melting Point: Data not available
pH: Data not available

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable
Materials To Avoid: No information available
Hazardous Decomposition Products: No information available
Polymerization: Hazardous polymerization does not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Oral: No information available
Inhalation: No information available
Dermal: No information available

SECTION 12: ECOLOGICAL INFORMATION



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Toxicity: No information available
Persistence and degradability: No information available
Bioaccumulative potential: No information available
Mobility in soil: No information available
Results of PBT and vPvB assessment: No information available
Other adverse effects: No information available
Additional information: No information available

SECTION 13: DISPOSAL CONSIDERATIONS

This product has been tested and classified as non-hazardous to aquatic life at the final working concentration of 3X in water under California Code of Regulations Title 22 for disposal directly to sewage. Consult your local regulations before disposal.

SECTION 14: TRANSPORT INFORMATION

Hazards Class: Not classified as hazardous during transportation
Subsidiary Class: No information available
Identification Number: No information available
Packing Group: Not classified
Proper Shipping Name (Technical Name): Not classified as dangerous in the meaning of transport regulations

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

Us Toxic Substances Control Act (TSCA): Not listed

SARA 302: No chemicals were found.

SARA 313: No chemicals were found.

SARA 311/312 Hazards: No chemicals were found.

WHMIS classification: None

SECTION 16: OTHER INFORMATION

This product is sold for educational, research and/or development purposes only. It is not intended for food, drug, household, agricultural, or cosmetic use. An individual technically qualified to handle potentially hazardous chemicals must supervise the use of this material.

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may be present unknown hazards and should be used with caution. Since Embi Tec and The MiniOne Systems cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein.

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