

Bioland Scientific LLC

Material Safety Data Sheet

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name Safe DNA Gel Stain

Product Number SAFE01
Brand Bioland Scientific LLC

Company Bioland Scientific LLC
14925 Paramount Blvd., Suite C
Paramount, CA 90723
USA

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	EINECS-No	Weight %
SAFE DNA Gel Stain	-	-	<1%
Water	7732-18-5	-	>99%

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

3. HAZARDS IDENTIFICATION

GHS-Classification

Signal Word

Not Hazardous

Health Hazard

Not Hazardous

Physical Hazards

Not Hazardous

Principle Routes of Exposure/Potential Health Effects

Eyes: May cause eye irritation with susceptible persons.

Skin: May cause skin irritation in susceptible persons.

Inhalation: May be harmful by inhalation

Ingestion: May be harmful if swallowed

Specific Effects

Carcinogenic Effects: None

Mutagenic Effects: None

Reproductive Toxicity: No information available

Sensitization: No information available

Target Organ Effects: No known effects under normal use conditions.

HMIS

Health	0
Flammability	0
Reactivity	0

4. FIRST AID MEASURES

Eye contact

Rinse thoroughly with plenty of water for at least 15minutes and consult a physician.

Skin contact

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

Inhalation

If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician.

Ingestion

Rinse mouth with water. Consult a physician.

Notes to physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

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

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

Unusual Fire and Explosions Hazard(s)

N/A

Flash Point:

N/A

Autoignition Temp:

N/A

Flammability:

N/A

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of vapors. Wear disposable coveralls and discard them after use.

Methods for Cleaning-up

Soak up with inert absorbing materials and lace in a closed container for disposal. Ventilate area and wash spill site after material pickup is complete.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. See Section 12 for additional information.

7. HANDLING AND STORAGE

Handling

Always wear recommended Personal Protective Equipment. No special handling required.

Storage

Keep cap tightly closed. No special storage required

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

No known exposure limits.

Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Personal Protective Equipment requirements are dependent of the user institution's risk assessment, and are specific to the risk assessment for each laboratory where this material may be used.

Respiratory Protection

Wear Suitable respiratory equipment if ventilation is insufficient.

Hand: Compatible chemical-resistant gloves.

Eye: Compatible safety goggles.

Skin and body protection: Lightweight protective clothing.

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

Environmental Exposure Controls

Prevent undiluted product entering drains

9. PHYSICAL AND CHEMICAL PROPERTIES

General Physical Properties

Form	Liquid
Appearance	Orange
Odor	No information available
Boiling Point/Range	No information available
Melting Point/Range	No information available
Flash Point	No information available
Auto-ignition Temperature	No information available
Oxidizing Properties	No information available
Solubility	No information available
pH Range	No information available

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Materials to Avoid	No dangerous reaction known under normal conditions
Hazardous Decomposition Products	None under normal conditions.
Hazardous Polymerization	Does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity No information available

Principle Route of Exposure/Potential Health Effects

Eye: May cause eye irritation with susceptible persons.
Skin: May cause skin irritation with susceptible persons.
Inhalation: May be harmful by inhalation
Ingestion: May be harmful if swallowed
Carcinogenic Effects: None
Mutagenic Effects: None
Reproductive Toxicity: No information available
Sensitization: No information available
Target Organ Effects: No known effects under normal use conditions.

12. ECOLOGICAL INFORMATION

Ecotoxicity Effects	No information available.
Mobility	No information available.
Biodegradation	No information available.
Bioaccumulation	No information available.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

14. TRANSPORTATION INFORMATION

IATA

Proper Shipping Name	Not classified as dangerous under the transport regulations.
Hazard Class	None
Subsidiary Class	None
Packing Group	None
Un-No	None

15.REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313

Not Regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs)

Contains no HAPs.

U.S. State Regulations

California Proposition 65

Contains no chemical listed under Proposition 65

Canadian Regulations

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by CPR.

WHMIS Hazard Class

Not controlled.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

16.OTHER INFORMATION

Disclaimer:

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