



SAFETY DATA SHEET

[Required under safety and health regulations for shipping and handling]

Version: 2019

Date Updated: June 26, 2019

SECTION 1. ----- PRODUCT AND COMPANY IDENTIFICATION -----

Product Name Eco-Red-DNA Dye, ready to use
 Product Code(s) DT81415
 Recommended Use For Laboratory Research Use Only
 Not for Human or Animal Drug Use

Supplier Bio Basic Inc.
 Address 20 Konrad Crescent, Markham, Ontario,
 Canada, L3R 8T4
 Telephone (905) 474 4493
 Fax (905) 474 5794
 For Chemical Emergency Phone# (416) 995 9730

SECTION 2. ----- 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

SECTION 3. ----- COMPOSITION/INFORMATION ON INGREDIENTS -----

Chemical Name	CAS-No	EINECS-No	Weight %
Safe-Red™ Nucl Acid Stain	-	-	<1%
Glycerol	56-81-5	200-289-5	10-50%
Water	7732-18-5	-	50-90%

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

SECTION 4. ----- FIRST-AID MEASURES-----

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes 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.

SECTION 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

SECTION 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 place 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.

SECTION 7. ----- HANDLING AND STORAGE-----

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

Storage Keep cap tightly closed. Store at 4°C.

SECTION 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,darespecificcto thean 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.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

General Physical Properties

Form	Liquid
Appearance	Red
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

SECTION 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.

SECTION 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 in 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.

SECTION 12. ----- ECOLOGICAL INFORMATION -----

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

SECTION 13. ----- DISPOSAL CONSIDERATIONS -----

Dispose of in accordance with local regulations.

SECTION 14. ----- TRANSPORT 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

SECTION 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.

SECTION 16. ----- OTHER INFORMATION -----

Issuing Date	26-June-2019
Revision Date	26-June-2019
Revision Note	No information available.
Recommended Restrictions	No information available

Further information: no limited for paper copy, just for internal uses.
For research use only. Not intended for human or animal diagnostic or therapeutic uses.

Disclaimer

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End of SDS