



BIOPHARM INC.

SAFETY DATA SHEET

1. Identification:

Product Identifier: Eosin Y
Product code: BE8901
Synonym(s): 0.5% aqueous solution
Recommended use: Manufacture of other chemical products, professional, scientific, and technical activities.
Recommended restrictions: None known.
Chemical family: Not applicable
Formula: Not applicable

Manufacturer/Supplier/Distributor Information

Company name: Biopharm Inc.
Address: 187 South Tilley Road
Hatfield, AR 71945
Telephone: (870) 389-6114
Website: www.bphchem.com
E-mail: support@bphchem.com
Emergency phone number: Chemtrec 800-424-9300

2. Hazard(s) identification:

Classification: None. (Hazards do reach threshold required for least severe category.)
Label elements: None. (Hazards do reach threshold required for least severe category.)
Signal word: None. (Hazards do reach threshold required for least severe category.)
Hazard statement: None. May cause irritation to eyes or skin on contact.
Precautionary statement:
Prevention No data available.
Response No data available.
Storage Store bottles tightly capped and upright. Keep in a cool place away from direct sunlight.
Disposal Flush to sewer in compliance with current local, state, and federal regulations.
Hazard(s) not otherwise classified (HNOC): Not classified.
Supplemental information: No data available.

3. Composition/information on ingredients

Mixtures

<u>Chemical Name</u>	<u>CAS number</u>	<u>%</u>
Eosin Y	17372-87-1	0.5
Water	7732-18-5	99.5

4. First-aid measures

Inhalation:	If breathed in, move person to fresh air. If not breathing, give artificial respiration.
Ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth out with water.
Skin contact:	Wash off with soap and plenty of water.
Eye contact:	Flush eyes with water as a precaution.
Most important symptoms/effects, acute and delayed:	The most important known symptoms and effects are described in the labelling.
General information:	If you feel unwell, seek medical advice.

5. Fire-fighting measures

Suitable extinguishing media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media:	Do not use a heavy water stream.
Specific hazards arising from the chemical	Nature of decomposition products not known.
Special protective equipment and precautions for firefighters	Wear self contained breathing apparatus for fire fighting if necessary.

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures:	Avoid breathing vapours, mist or gas. For personal protection, see section 8.
Methods and materials for containment and cleaning up:	Keep in suitable, closed containers for disposal.
Environmental precautions:	Do not let product enter drains.

7. Handling and storage

Precautions for safe handling:	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
Conditions for safe storage, including any incompatibilities:	Keep containers tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. Exposure controls/personal protection

Exposure Guidelines:	No exposure limits noted for ingredient(s).
Engineering measures:	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
Personal protective equipment:	Avoid all unnecessary exposure.

Eye/face protection:	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).
Skin and body protection:	Handle with gloves. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Respiratory protection:	Respiratory protection is not required.
Other Information:	Do not let product enter drains.

9. Physical and chemical properties

Appearance:	Red, Liquid
Odor:	Odorless.
Odor threshold:	No data available.
Vapor Pressure (mm Hg):	No data available
Vapor density (Air = 1):	No data available
pH:	No data available.
Relative density:	No data available
Melting point/freezing point:	No data available
Solubility in Water:	No data available.
Boiling Point (°F):	100 °C (212 °F) at 1,013 hPa (760 mmHg)
Flash point:	No data available
Evaporative Rate (H₂O = 1):	No data available
Flammability (solid, gas):	Non-flammable.
Upper/lower flammability or explosive limits	
Flammability limit - lower	No data available
Flammability limit - upper	No data available
Explosive limit - lower	No data available
Explosive limit - upper	No data available
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available
Other information:	
Specific Gravity (H₂O = 1):	No data available.
Percent Volatile by Volume:	No data available

*Varies with specific value. See chemical Handbook.

10. Stability and reactivity

Reactivity:	No data available.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	No data available.
Incompatible materials:	Strong oxidizing agents.

Hazardous decomposition products:	No data available.
--	--------------------

11. Toxicological information

Information on likely routes of exposure:

Ingestion:	None indicated.
Inhalation:	None indicated.
Skin Contact:	None indicated.
Eye Contact:	None indicated.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	May cause irritation to skin on contact.
Serious eye damage/irritation	May cause irritation to eyes on contact.
Respiratory Sensitization	No data available.
Skin sensitization	No data available.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, NTP, or OSHA.
Mutagenic effects	No data available.
Reproductive effects	No data available.
STOT – single exposure	No data available.
STOT – repeated exposure	No data available.
Aspiration hazard	No data available.
Chronic effects	No data available.

12. Ecological information

Ecotoxicity:	No data available.
Persistence and degradability:	No data available.
Bioaccumulation/Accumulation:	No data available.
Mobility in soil:	No data available.
Other adverse effects:	No data available.

13. Disposal considerations

Waste disposal methods:	Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment.
--------------------------------	---

14. Transport information

DOT:	Not regulated as a hazardous material by DOT.
-------------	---

15. Regulatory information

U.S. Federal regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)	Not regulated
U.S. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not regulated
CERCLA Hazardous Substances List (40 CFR 302.4)	Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories	Immediate Hazard – No
	Delayed Hazard – No
	Fire Hazard – No
	Pressure Hazard – No
	Reactivity Hazard – No

Other Federal regulations

Clean Air Act	Not applicable.
Clean Water Act	Not regulated.
California Prop 65	This product does not contain any Proposition 65 chemicals.

16. Other information, including date of preparation or last revision

Revision date January 3, 2023

Disclaimer The statements contained herein are offered as informational data only and are believed to be correct. However, this product should be handled by persons having related technical skills, and at their own discretion and risk. Since seller has no control over the use of this product, no warranty, expressed or implied, is made and seller assumes no liability in connection with any use of this information or from contact and/or handling of this product.