

SAFETY DATA SHEET

EOSIN Y

SECTION 1: CHEMICAL AND COMPANY IDENTIFICATION

BioShop Canada Inc.
5480 Mainway
Burlington, Ontario L7L 6A4
1-800-234-1179
Emergency Telephone No.: 1-905-466-3832
Chemical Name: Eosin Y
Catalog Number: EOS109

SECTION 2 HAZARDS IDENTIFICATION

GHS Classification:
Not considered hazardous according to GHS

Potential Health Effects

Eyes: May cause eye irritation.

Skin: May cause skin irritation.

Inhalation: may cause irritation. The toxicological properties of this substance have not been fully investigated.

Ingestion: May be harmful if swallowed. The toxicological properties of this substance have not been fully investigated.

CHRONIC HEALTH HAZARDS: Not available

SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	%
Eosin Y	17372-87-1	100

Molecular Formula: C₂₀H₃₆N₆O₄.0.5H₂SO₄.2Na
Molecular Weight: 693.65

SECTION 4 FIRST AID MEASURES

Eyes: Flush eyes with plenty of water for at least 15 minutes.

Skin: Flush area immediately with plenty of soap and water while removing contaminated clothing and shoes..

Inhalation: Remove victim to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen . GET MEDICAL ATTENTION.

Ingestion: Wash mouth with water. GET MEDICAL ATTENTION .

SECTION 5 FIRE FIGHTING MEASURES

General Information: Always wear full protective gear in the event of a fire.Toxic gase and vapors may be generated.

Flash Point: N/A

Autoignition Temperature: N/A

Explosion limits: N/A

Extinguishing Media: **Small fires:** Use water spray, foam, dry chemical or carbon dioxide. **Large fires:** water spray .Alcohol resistant foam.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Ventilate the area. Wear appropriate protective equipment. Sweep and place in a closed container. In the event of a fire always wear self-contained breathing apparatus, NIOSH/MSHA approved or equivalent.

Leak and Spill Procedures: Ventilate the area. Wear appropriate protective equipment.. Sweep and place in a closed container

SECTION 7 HANDLING AND STORAGE

Handling: Avoid contact. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Minimize dust generation.

Storage Conditions: Room temperature.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits: none listed

Use adequate ventilation. AVOID DUST GENERATION.

Wear appropriate protective equipment to prevent eye and skin exposure.

Wear appropriate respirator to prevent lung irritation.

Personal Protection: Lab coat, safety goggles, rubber gloves.

Ventilation: Local exhaust systems. Use fume hood

Respiratory protection: use OSHA/MSHA approved respirator.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid

Appearance and Odor: red-brown powder.

Freezing/Melting Point: N/A

Boiling Point: N/A

Specific Gravity: N/A

Vapor Density: N/A

Solubility: soluble in water

pH: N/A

SECTION 10 STABILITY AND REACTIVITY:

Stability: Stable under normal temperatures and pressure

Conditions to avoid: dust generation

Incompatibility: Strong oxidizing agents and reducing agents

Hazardous Decomposition Products: Nitrogen oxides, carbon monoxide, carbon dioxide, hydrogen bromide.

Hazardous Polymerization: Will not occur

SECTION 11 TOXICOLOGICAL PROPERTIES

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Exposure Limits:

LD50 / LC50:

Oral, mouse: LC50=2344 mg/kg

Epidemiology: No data available

Teratogenicity: No data available

Reproductive Effects: No data available

Neurotoxicity: No data available

Mutagenicity: No data available

Carcinogenicity: Not listed by ACGIH, IARC, NTP, or OSHA

SECTION 12 ECOLOGICAL INFORMATION

No information found.

SECTION 13 DISPOSAL CONSIDERATION

Waste Disposal: Burn in chemical incinerator. Observe all Federal, provincial and local regulations.

SECTION 14 TRANSPORT INFORMATION

Shipping Information: Not regulated

SECTION 15 REGULATORY INFORMATION

US: TSCA: listed

European/International: N/A

Canada: WHMIS: **not controlled**

SECTION 16 ADDITIONAL INFORMATION

Prepared By: M.Kierdelewicz (President)

Date Prepared: Jan 1/2025

Phone: (800) 234-1179

The information provided on this Material Safety Data Sheet is furnished in good faith and without warranty of any kind. The above information is believed to be correct and should be used only as a guide. BioShop Canada Inc. shall not be held liable for any damage resulting from the handling or from the contact with the above product.

Observe all federal, provincial and state laws concerning health, safety and pollution.