

SECTION 1: IDENTIFICATION

1.1 Product Identifier

Trade Name	Formula F-1 Sachet Fentanyl Detection
REACH Substance Name	Eosin Y
Chemical Name	2',4',5',7'-Tetrabromofluorescein
CAS Number	17372-87-1
SDS Date	May 2022

1.2 Relevant Identified Uses

Product Use	Security Screening Product
Uses Advised Against	All other uses

1.3 Supplier Details

Manufacturer	Trace Eye-D
Address	573 Interstate Blvd., Sarasota, FL 34240 USA
Phone	941.926.5045
Email	info@traceeyed.com

1.4 Emergency Telephone Number

1(866)TRACE91 (872-2391) to contact Trace Eye-D

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

This product consists of a sachet containing 0.32 mL of Eosin Y dissolved in water completely absorbed on a polypropylene/cellulose wipe. There is no free liquid when the pouch is opened for use.

GHS-US Classification	Code	Statement
Serious Eye Damage/Irritation Category 2A	H319	Causes serious eye irritation

Full text of H statements: see Section 16.

2.2 GHS Label Elements

WARNING

Hazard Statements

Code	Statement
H319	Causes serious eye irritation.

Precautionary Statements

Code	Statement
P264	Wash exposed skin thoroughly after handling.
P280	Wear protective gloves, eye protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.

2.3 Other Hazards

None under normal conditions.

2.4 Unknown Acute Toxicity (GHS US)

Not applicable.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Substance type: Mono-constituent

Name	Product Identifier	%	GHS-US Classification
Eosin Y (Main constituent)	CAS No. 17372-87-1	100	Eye Irrit. 2A, H319

Full text of hazard classes and H-statements: see Section 16.

3.2 Mixtures

Not applicable.

SECTION 4: FIRST-AID MEASURES

4.1 Description of First Aid Measures

Exposure Route	First Aid Instructions
General	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
Inhalation	Allow victim to breathe fresh air. Allow the victim to rest.
Skin Contact	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2 Most Important Symptoms and Effects

Causes serious eye irritation.

4.3 Immediate Medical Attention

Obtain medical assistance.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable Extinguishing Media	Do not use a heavy water stream.
5.2 Specific Hazards	No additional information available.
5.3 Firefighting Instructions	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection During Firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions

Non-Emergency Personnel	Safety glasses. Gloves. Dust mask. Evacuate unnecessary personnel.
Emergency Responders	Equip cleanup crew with proper protection. Ventilate area.

6.2 Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3 Methods for Containment and Cleanup

On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

6.4 Reference

See Section 8: Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

7.1 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.
Hygiene Measures	Wash exposed skin thoroughly after handling.
7.2 Storage Conditions	Keep container closed when not in use.
Incompatible Products	Strong oxidizers.
Incompatible Materials	Sources of ignition. Direct sunlight.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

No additional information available.

8.2 Engineering Controls

Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

8.3 Personal Protective Equipment

PPE Required	Safety glasses. Gloves.
Hand Protection	Wear protective gloves.
Eye Protection	Chemical goggles or safety glasses.
Respiratory Protection	Not required in normal conditions.
Other	Do not eat, drink or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic Physical and Chemical Properties

Physical State	Solid
Color	Brown
Odor	Characteristic
Odor Threshold	No data available
pH	No data available
Melting Point	No data available
Freezing Point	No data available
Boiling Point	No data available
Flash Point	No data available
Relative Evaporation Rate	No data available
Flammability (solid, gas)	Non flammable
Vapor Pressure	No data available
Relative Vapor Density (20C)	No data available
Relative Density	No data available
Solubility	No data available
Log Pow	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity (kinematic)	No data available
Viscosity (dynamic)	No data available
Explosion Limits	No data available

Explosive Properties	No data available
Oxidizing Properties	No data available

9.2 Other Information

No additional information available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	No additional information available.
10.2 Chemical Stability	Stable under normal conditions.
10.3 Hazardous Reactions	Not established.
10.4 Conditions to Avoid	Direct sunlight. Extremely high or low temperatures.
10.5 Incompatible Materials	Strong oxidizers.
10.6 Hazardous Decomposition	Nitrogen oxides. Carbon monoxide. Carbon dioxide. Hydrogen bromide.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Likely routes of exposure: Skin and eye contact; Inhalation

Endpoint	Classification
Acute Toxicity	Not classified
Skin Corrosion/Irritation	Not classified
Serious Eye Damage/Irritation	Causes serious eye irritation (H319)
Respiratory/Skin Sensitization	Not classified
Germ Cell Mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive Toxicity	Not classified
STOT - Single Exposure	Not classified
STOT - Repeated Exposure	Not classified
Aspiration Hazard	Not classified

Potential adverse human health effects and symptoms: Based on available data, the classification criteria are not met.

Symptoms/effects after eye contact: Causes serious eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	No additional information available.
12.2 Persistence/Degradability	Eosin Y (17372-87-1): Not established.
12.3 Bioaccumulative Potential	Eosin Y (17372-87-1): Not established.

12.4 Mobility in Soil	No additional information available.
12.5 Other Adverse Effects	Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Disposal Methods

Waste Disposal	Dispose in a safe manner in accordance with local/national regulations.
Ecology - Waste Materials	Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

Regulation	Status
US DOT	Not regulated

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

Eosin Y (17372-87-1): Listed on the United States TSCA (Toxic Substances Control Act) inventory.

All components of this product are listed, or excluded from listing, on the United States EPA TSCA inventory.

15.2 International Regulations

Canada	Eosin Y (17372-87-1): Listed on the Canadian DSL (Domestic Substances List). Not listed on the Canadian IDL (Ingredient Disclosure List).
EU Regulations	No additional information available.

15.3 US State Regulations

California Proposition 65: This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

SECTION 16: OTHER INFORMATION

Full Text of H-Phrases

Code	Hazard Statement
H319	Causes serious eye irritation

NFPA Hazard Ratings

Category	Rating	Description
Health	2	Moderate Hazard - Temporary or minor injury may occur
Flammability	0	Minimal Hazard - Materials that will not burn
Physical/Reactivity	0	Minimal Hazard - Normally stable, even under fire conditions. Non-Explosives.

Personal Protection	E	Safety glasses, Gloves, Dust respirator
Revision Date	05/30/2017	
Other Information	None	

Information in this SDS is from available published sources and is believed to be accurate. No warranty, express or implied, is made and Trace Eye-D assumes no liability resulting from the use of this SDS. The user must determine suitability of this information for his application.