
MATERIAL SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifiers****Product name:** EOSIN Y C.I.**Product Code:** DYE103**CAS Number:** 17372-87-1**EINECS number:** 241-409-6**Brand:** Solmedia Ltd**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Identified uses – PC21: Laboratory chemicals.

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Solmedia Ltd.
- Address of Supplier: Unit 2, Vernon Drive
Battlefield Enterprise Park
Shrewsbury
SY1 3TF
UK
- Telephone: 0844 80 80 900
- Email: labsupplies@solmedialtd.com

1.4 Emergency telephone number

Emergency Phone # +44 (0)844 80 80 900

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification under CLP:** Regulation (EC) No. 1272/2008 [CLP]

Hazard Class	Hazard Category	Target Organs	Hazard Statement
Eye irritant	Category 2	eyes	H319

2.2 Label elements**Hazard statements:** H319: Causes serious eye irritation.**Signal words:** Warning**Hazard pictograms:** GHS07: Exclamation mark



Precautionary statements: P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

2.3 Other hazards

Other hazards: No data available

PBT: This product is not identified as a PBT/vPvB substance.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical identity: EOSIN Y C.I.

Synonyms: Disodium 2-(2, 4, 5, 7-tetrabromo-6-oxido-3-oxoxanthen-9-yl)benzoate, Acid red 87, Eosin WS

CAS number: 17372-87-1

EINECS number: 241-409-6

Contains: Molecular Formula : C₂₀H₆Br₄Na₂O₅

Molecular weight : 691.85 g/mol

Weight % content: 90-100%

SECTION 4: First aid measures

4.1 Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Consult a doctor

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor

Ingestion: Never give anything by mouth to an unconscious person. Consult a doctor. Wash out mouth with water.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: No data available

Eye contact: No data available

Ingestion: No data available

Inhalation: No data available

Delayed / immediate effects: No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Water spray. Alcohol resistant foam. Dry chemical powder. Carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Not applicable

5.3 Advice for firefighters

Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust. For personal protection see section 8.

6.2. Environmental precautions

Do not discharge into drains or rivers.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

Refer to section 13 of SDS

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handling requirements: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Not applicable

7.3 Specific end use(s)

No special requirement.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: No data available

DNEL / PNEC No data available. No data available

8.2 Exposure controls

Engineering measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves. Nitrile gloves. Rubber gloves. Breakthrough time of the glove material > 8 hours.

Eye protection: Safety glasses with side-shields

Skin protection: Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Environmental: Do not let product enter drains

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State: Solid

Relative density: 1.018 g/cm³

9.2 Other safety information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid**10.5 Incompatible materials**

Strong oxidising agents

10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. -
 Carbon oxides, Hydrogen bromide gas, Sodium oxides
 Other decomposition products - No data available
 In the event of fire: see section 5

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Relevant hazards for substance:**

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Based on test data
Acute toxicity (ac. tox. 4)	-	Based on test data
Acute toxicity (ac. tox. 3)	-	Based on test data
Acute toxicity (ac. tox. 2)	-	Based on test data
Acute toxicity (ac. tox. 1)	-	Based on test data
Skin corrosion/irritation	-	Based on test data
Respiratory/skin sensitisation	-	Based on test data
Germ cell mutagenicity	-	Based on test data
Carcinogenicity	-	Based on test data
Reproductive toxicity	-	Based on test data
STOT-single exposure	-	Based on test data
STOT-repeated exposure	-	Based on test data
Aspiration hazard	-	Based on test data

Symptoms / routes of exposure**Skin contact:** No data available**Eye contact:** No data available**Ingestion:** No data available**Inhalation:** No data available**Delayed / immediate effects:** No data available.

Other information: Not applicable.

SECTION 12: Ecological information

12.1 Toxicity

Species	Test	Value	Units
FISH	96H LC50	1,200	mg/l

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance.

12.6 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal operations: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Recovery operations: Not applicable.

Disposal of packaging: Dispose of as unused product.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport information

This product does not require a classification for transport.

SECTION 15: Regulatory information

Datasheet number: DYE 103- v2.0.0
Revised May 2025

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

SECTION 16: Other information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3: H319: Causes serious eye irritation.

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Solmedia Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.