

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

**PRODUCT NAME** ERYTHROSINE B [CI 45430]  
(Acid Red 51)  
Disodium 2-(2,4,5,7-tetraiodo-6-oxido-3-oxoxanthen-9-yl)benzoate

**PRODUCT CODE** 80119x

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## 2. HAZARDS IDENTIFICATION

CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]

Acute Toxicity, Oral (Category 4)  
Chronic Aquatic Toxicity (Category 4)

LABELLING ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]

WARNING



Hazard statement(s)

H302 Harmful if swallowed  
H413 May cause long lasting harmful effects to aquatic life

Precautionary statement(s)

P301+P313 IF SWALLOWED: Get medical advice / attention

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC #	CAS #	Content	Formula	Molar Mass
ERYTHROSINE B	240-474-8	16423-68-0	80-100%	C <sub>20</sub> H <sub>6</sub> I <sub>4</sub> Na <sub>2</sub> O <sub>5</sub>	879.86 g/mol

## 4. FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get prompt medical attention.

## INGESTION

Do not induce vomiting. Rinse mouth with water. Never make an unconscious person vomit or drink fluids. Get medical attention.

## SKIN CONTACT

Remove contaminated clothes and rinse skin thoroughly with water. Seek medical attention.

## EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention.

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## **5. FIRE-FIGHTING MEASURES**

### EXTINGUISHING MEDIA

Use: Water spray, Alcohol-resistant foam, Dry chemicals, or Carbon dioxide.

### PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus if necessary.

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## **6. ACCIDENTAL RELEASE MEASURES**

### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Evacuate personnel to a safe area. Avoid breathing dust. Ensure adequate ventilation.

### ENVIRONMENTAL PRECAUTIONS

Do not allow spillage to enter watercourses, drains or sewers. Stop further spillage if possible without risk.

### SPILL CLEAN-UP METHODS

Sweep up into bag and hold for hazardous disposal. Avoid raising dust. Flush area with water – do not allow water to enter drains. Absorb with disposable towels and hold for hazardous disposal – see section 13.

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## **7. HANDLING & STORAGE**

### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Provide adequate exhaust function where dust is likely.

### STORAGE PRECAUTIONS

Hygroscopic. Store in tightly closed original container in a cool, dry well-ventilated place.

### STORAGE CLASS

Chemical storage.

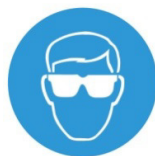
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## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

### ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

## PROTECTIVE EQUIPMENT



### HAND PROTECTION

Use protective gloves. The most suitable glove should be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

### EYE PROTECTION

Wear approved, tight-fitting safety glasses where dust is probable.

### RESPIRATORY EQUIPMENT

Self-contained breathing apparatus where high dust levels are likely.

### OTHER PROTECTION

Provide eyewash station.

### HYGIENE MEASURES

**DO NOT SMOKE IN WORK AREA!** Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Red solid (powder)
ODOUR	None
SOLUBILITY	Water, ethanol

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## **10. STABILITY AND REACTIVITY**

### STABILITY

Stable under normal temperature conditions and recommended use.

### CONDITIONS TO AVOID

Moisture

### INCOMPATIBLE MATERIALS

Strong oxidising agents

### HAZARDOUS DECOMPOSITION PRODUCTS

Carbon oxides, Hydrogen Iodide, Sodium oxides

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## **11. TOXICOLOGICAL INFORMATION**

<u>TOXIC DOSE</u>	LD50	Oral, Rat	1840 mg/kg
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## INHALATION

May be harmful if inhaled. May cause respiratory tract irritation.

## INGESTION

Harmful if swallowed.

## SKIN CONTACT

May be harmful if absorbed through skin. May cause skin irritation.

## EYE CONTACT

May cause eye irritation.

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## 12. ECOLOGICAL INFORMATION

TOXIC DOSE                      LC50                      *Oryzias latipes*                      500 mg/L (48 h)

## ECOTOXICITY

May cause long-lasting harmful effects in the aquatic environment.

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## 13. DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

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## 14. TRANSPORT INFORMATION

	UN #	Class	Packing	Proper shipping name
<u>RID / ADR</u>	<i>Not regarded as hazardous for transport</i>			
<u>IATA</u>				
<u>IMDG</u>				

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## 15. REGULATORY INFORMATION

### STATUTORY INSTRUMENTS

This MSDS complies with regulation (EC) no. 1907/2006.

Workplace Exposure Limits EH40/2011.

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## 16. OTHER INFORMATION

### GENERAL INFORMATION

This safety data sheet covers all codes for this product.

### REVISION INFORMATION

Revision No.    3  
Revision Date    07/2014  
Comments    CHIP regulations removed  
Replaces Document Generated                      05/2012

### HAZARD STATEMENTS IN FULL

H302                      Harmful if swallowed  
H413                      May cause long lasting harmful effects to aquatic life