

## SAFETY DATA SHEET

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifiers

Product name Eriochrome Black T indicator, 1 wt. % in Sodium Chloride

CAS number See Section 3

Synonyms No information available

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses Laboratory Chemicals

#### 1.3 Details of the supplier of the safety data sheet

Company Lab Alley, LLC  
12501 Pauls Valley Road  
Austin, Texas 78737  
U.S.A.

Telephone 512-668-9918  
Fax 512-886-4008

#### 1.4 Emergency telephone

Emergency Phone #	US & Canada: 1-800-535-5053	INFOTRAC
	International 1-352-323-3500	INFOTRAC

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

This product is not categorized as hazardous in any GHS hazard class.

#### 2.2 GHS Label elements, including precautionary statements

Pictogram None required

Signal Word                      None required

Hazard statements              None required

Precautionary  
statements                      None required

## 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

Data not available.

## SECTION 3: Composition/information on ingredients

### 3.1 Components

Chemical name	Common name and synonyms	CAS number	Concentration
Sodium Chloride	No information available	7647-14-5	99.00%
Eriochrome Black T	No information available	1787-61-7	1.00%

## SECTION 4: First aid measures

### 4.1 Description of first-aid measures

#### General advice

**If inhaled**                      Not expected to require first aid. If necessary, remove to fresh air.

**In case of skin contact**              May irritate damaged skin, absorption can occur with effects similar to those via ingestion.

**In case of eye contact**              May cause irritation, redness, pain, and tearing.

**If swallowed**                      Dilute with water or milk. Do not induce vomiting. Call a physician if necessary.

### 4.2 Most important symptoms and effects, both acute and delayed

May cause irritation to the eyes and skin. Wash areas of contact with water. Call a physician if irritation develops. Does not present any significant health hazards. May be harmful if swallowed or inhaled. EYE CONTACT: May cause irritation, redness, pain, and tearing. SKIN CONTACT: May irritate damaged skin, absorption can occur with effects similar to those via ingestion.

### 4.3 Indication of any immediate medical attention and special treatment needed

Irrigate immediately with large quantity of water for at least 15 minutes. Call a physician if irritation develops. Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen. Wash areas of contact with soap and water for at least 15 minutes. Call a physician if irritation develops. Dilute with water or milk. Do not induce vomiting. Call a physician if necessary.

## SECTION 5: Firefighting measures

## 5.1 Extinguishing media

**Suitable extinguishing media** Use any means suitable for extinguishing surrounding fire.

**Unsuitable extinguishing media** No information available

## 5.2 Specific hazards arising from the substance or mixture

Not considered to be a fire or explosion hazard.

## 5.3 Special protective equipment and precautions for firefighters

Use protective clothing and breathing equipment appropriate for the surrounding fire.

## 5.4 Further information

**Flash Point** No information available

**Autoignition Temperature** No information available

### Explosion limits

**Upper** No data available

**Lower** No data available

**Sensitivity to Mechanical Impact** No information available

**Sensitivity to Static Discharge** No information available

### NFPA

Health	Flammability	Instability	Physical hazards
1	0	0	N/A

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Wear appropriate PPE for the size and nature of the spill. As a general rule, wear safety glasses and gloves.

### 6.2 Environmental precautions

No information available

### 6.3 Methods and materials for containment and cleaning up

Small amounts may be flushed to the drain with excess water.

### 6.4 Reference to other sections

No information available

## SECTION 7: Handling and storage

## 7.1 Precautions for safe handling

As with all chemicals, wash hands thoroughly after handling. Avoid contact with eyes and skin.

### Hygiene measures

No information available

## 7.2 Conditions for safe storage, including any incompatibilities

### Storage conditions

Protect from physical damage. Keep in tightly closed containers in a cool, dry area.

### Incompatibilities

Strong oxidizing agents, Lithium, Bromine Trifluoride.

## SECTION 8: Exposure controls/personal protection

## 8.1 Occupational exposure limits

Data not available

## 8.2 Exposure controls

### Appropriate engineering controls

No specific controls are needed. Normal room ventilation is adequate.

### Personal protective equipment

#### Eye/face protection

Safety glasses or goggles.

#### Skin protection

Chemical resistant gloves.

#### Body Protection

Chemical resistant gloves and safety glasses/goggles.

#### Respiratory protection

Normal room ventilation is adequate.

#### Control of environmental exposure

No information available.

## SECTION 9: Physical and chemical properties

## 9.1 Information on basic physical and chemical properties

Physical State	Gray solid
Appearance	Solid
Odor	Data not available.
Odor Threshold	Data not available.
pH	Approximately 7 (saturated aqueous solution)
Melting Point/Range	801°C
Boiling Point/Range	1461°C - 1461°C
Evaporation Rate	Data not available.
Flammability (solid)	Data not available.
Flammability or explosive limit	
Upper	Data not available.
Lower	Data not available.
Vapor Pressure	1 mmHg at 865°C
Vapor Density	Data not available.
Density	2.17
Solubility	370 G/L at 20°C
Partition coefficient; n-octanol/water	Data not available.
Autoignition Temp	Data not available.
Decomposition Temp	Data not available.
Viscosity	Data not available.
Molecular Formula	Data not available.
Molecular Weight	Data not available.
VOC Content(%)	Data not available.
Oxidizing properties	Data not available.

**9.2 Other safety information** No information available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under normal conditions of use and storage.

### 10.2 Chemical stability

Stable under normal conditions of use and storage.

### 10.3 Possibility of hazardous reactions

Data not available.

### 10.4 Conditions to avoid

See Section 10.5

### 10.5 Incompatible materials

Strong oxidizing agents, Lithium, Bromine Trifluoride.

## 10.6 Hazardous decomposition products

Will not occur.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Product Information, Component Information

##### Acute toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium Chloride	3000 mg/kg (Rat)	>10 gm/kg (Rabbit)	Not listed
Eriochrome Black T	17590 mg/kg (Rat)	Not listed	Not listed

##### Skin corrosion/irritation

Not applicable.

##### Serious eye damage/eye irritation

Not applicable.

##### Respiratory or skin sensitization

Not applicable.

##### Germ cell mutagenicity

Not applicable.

##### Carcinogenicity

Not applicable.

##### Specific target organ toxicity - single exposure

Not applicable.

##### Specific target organ toxicity - repeated exposure

Not applicable.

##### Reproductive toxicity

Not applicable.

##### Chronic effects

No information available.

### 11.2 Additional Information

No information available.

## SECTION 12: Ecological information

### 12.1 Toxicity

Not applicable.

### 12.2 Persistence and degradability

Not applicable.

### 12.3 Bio accumulative potential

Not applicable.

### 12.4 Mobility in soil

Not applicable.

### 12.5 Results of PBT and vPvB assessment

No information available.

### 12.6 Endocrine disrupting properties

No information available.

### 12.7 Other adverse effects

Not applicable.

## SECTION 13: Disposal considerations

### 13.1 Waste Disposal Methods

Data not available.

## SECTION 14: Transport information

### DOT (US)

Not regulated according to DOT Regulations.

### IMDG

Not listed.

### IATA

Not regulated according to IATA Dangerous Goods Regulations.

## SECTION 15: Regulatory information

### US federal regulations

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Eriochrome Black T (CAS # 1787-61-7): Present (ACTIVE)

Sodium Chloride (CAS # 7647-14-5): Present (ACTIVE)

**CERCLA Hazardous Substance List (40 CFR 302.4)**

No information available

**SARA 304 Emergency release notification**

No information available

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous**

Not listed.

**SARA 313 (TRI reporting)**

Not listed.

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

No information available

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

No information available

**Safe Drinking Water Act**

No information available

**FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace**

No information available

**US state regulations**

**US. Massachusetts RTK - Substance List**

Not listed.

**US. New Jersey Worker and Community Right-to-Know Act**

Not listed.

**US. Pennsylvania Worker and Community Right-to-Know Law**

Not listed.

**California Proposition 65**



Not listed.

#### **SECTION 16: Other information**

Date of Issue: 12/16/2025

#### **SECTION 17: Disclaimer**

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.