SAFETY DATA SHEET
Eriochrome blue-black R, C.I. 15705

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name : Eriochrome blue-black R, C.I. 15705
Product code : ERIO-B0D-050
Identification of the product : Eriochrome blue-black R, C.I. 15705
CAS No : 2538-85-4
EC No : 219-810-2
Chemical formula : C20H13N2NaO5S
Molecular weight : 416.39 g/mol

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

Use : For lab use only. For professional use only.

1.3. Details of the supplier of the safety data sheet

Company identification : labbox labware s.l.
Remences, 102
08304 Mataró (Barcelona) SPAIN
Tel.: +34 937 552 084 - Fax: +34 937 909 532
E-mail: info@labkem.com
Web: www.labkem.com

1.4. Emergency telephone number

Phone nr : Tel. +34 937 552 084 [ Office hours ]

2. Hazards identification

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45
Not classified.

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

Health hazards : Skin irritation - Category 2 - Warning (CLP : Skin Corr. 2) H315
Eye irritation - Category 2A - Warning (CLP : Eye Irrit. 2) H319
Specific Target Organ Toxicity - Single exposure - Respiratory tract irritation - Category 3 - Warning (CLP : STOT SE 3) H335

2.2. Label elements

Labelling EC 67/548 or EC 1999/45
Not classified.
Contains : Eriochrome blue-black R, C.I. 15705

Labelling Regulation EC 1272/2008 (CLP)
SAFETY DATA SHEET
Eriochrome blue-black R, C.I. 15705

2. Hazards identification (continued)

Hazard pictograms

Signal words
: Warning

Hazard statements
: H319 : Causes serious eye irritation.
   H315 : Causes skin irritation.
   H335 : May cause respiratory irritation.

Precautionary statements

• Prevention
: P280: Wear protective gloves, protective clothing, eye protection, face protection.
   P271: Use only outdoors or in a well-ventilated area.

• Response
: P302+P352: IF ON SKIN : Wash with plenty of soap and water.
   P305+P351+P338: IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

• Disposal considerations
: P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Contains
: Eriochrome blue-black R, C.I. 15705

2.3. Other hazards

Other hazards
: None under normal conditions.

3. Composition/information on ingredients

Substance / Preparation
: Eriochrome blue-black R, C.I. 15705
   CAS No :2538-85-4
   EC No :219-810-2
   Substance.

<table>
<thead>
<tr>
<th>Substance name</th>
<th>Contents</th>
<th>CAS No</th>
<th>EC No</th>
<th>Annex No</th>
<th>REACH</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eriochrome blue-black R, C.I. 15705</td>
<td>% 2538-85-4</td>
<td>219-810-2</td>
<td>-----</td>
<td>-----</td>
<td>Not classified (DSD/DPD)</td>
<td>Not classified (GHS)</td>
</tr>
</tbody>
</table>

Contains no other components or impurities which will influence the classification of the product.

4. First aid measures

4.1. Description of first aid measures

Inhalation
: Call a POISON CENTER or doctor if you feel unwell. Remove to fresh air and keep at rest in a position comfortable for breathing.

Skin contact
: Get medical advice. Specific treatment (see on this label). Wash with plenty of soap and water. If skin irritation occurs : Wash contaminated clothing before reuse.

Eye contact
: Get medical advice. Rinse cautiously with water for several minutes. If eye irritation persists : Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion
: Do NOT induce vomiting. Rinse mouth. Obtain emergency medical attention.

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

Symptoms relating to use
: Causes serious eye irritation.
   Causes skin irritation. May cause respiratory irritation.

4.3. Indication of any immediate medical attention and special treatment needed
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Eriochrome blue-black R, C.I. 15705

4. First aid measures (continued)

General information: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

5. Fire-fighting measures

5.1. Extinguishing media


Unsuitable extinguishing media: Do not use a heavy water stream.

Surrounding fires: Use water spray or fog for cooling exposed containers.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: Under fire conditions, hazardous fumes will be present.

5.3. Advice for fire-fighters

Protection against fire: Do not enter fire area without proper protective equipment, including respiratory protection.

Special procedures: Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For emergency responders: Equip cleanup crew with proper protection. Ventilate area.

For non-emergency personnel: Evacuate unnecessary personnel.

6.2. Environmental precautions

Environmental precautions: Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

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

6.4. Reference to other sections

See section 8. Exposure controls/personal protection

7. Handling and storage

7.1. Precautions for safe handling

Handling: Use only outdoors or in a well-ventilated area. Wash thoroughly after handling.

Technical protective measures: Provide good ventilation in process area to prevent formation of vapour.

Special precautions: Avoid breathing dust, fume, gas, mist, vapours, spray.
7. Handling and storage (continued)

7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep container tightly closed. Keep only in the original container in a cool, well ventilated place.


7.3. Specific end use(s)

Specific end use(s) : None.

8. Exposure controls/personal protection

8.1. Exposure controls

Personal protection : Avoid all unnecessary exposure.

• Respiratory protection : Wear approved mask.
• Hand protection : Wear protective gloves.
• Skin protection : Wear suitable protective clothing.
• Eye protection : Chemical goggles or safety glasses.
• Others : When using, do not eat, drink or smoke.

8.2. Control parameters

Occupational Exposure Limits : No data available.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state at 20 °C : Solid.
Colour : Dark brown.
Odour : Odourless.
Odour threshold : No data available.
PH value : 9.4 (10 g/l, H2O, 25 °C)
Melting point [°C] : No data available.
Decomposition point [°C] : No data available.
Critical temperature [°C] : Not applicable.
Auto-ignition temperature [°C] : No data available.
Flammability (solid, gas) : No data available.
Flash point [°C] : Not applicable.
Initial boiling point [°C] : Not applicable.
Final boiling point [°C] : Not applicable.
Evaporation rate : Not applicable.
Vapour pressure [20°C] : No data available.
Vapour density : No data available.
Density [g/cm3] : No data available.
Relative density, liquid (water=1) : Not applicable.
Bulk density [kg/m3] : 530
9. Physical and chemical properties (continued)

Solubility in water : 20 g/l (20 °C)
Log Pow octanol / water at 20°C : No data available.
Viscosity at 40°C [mm²/s] : No data available.

9.2. Other information

Explosive properties : No data available.
Explosion limits - upper [%] : No data available.
Explosion limits - lower [%] : No data available.
Oxidising properties : No data available.

10. Stability and reactivity

10.1. Reactivity

Reactivity : Not established.

10.2. Chemical stability

Chemical stability : Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions : Not established.

10.4. Conditions to avoid

Conditions to avoid : Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Materials to avoid : Strong acids. Strong bases.

10.6. Hazardous decomposition products


11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity
• Inhalation : Based on available data, the classification criteria are not met.
• Dermal : Based on available data, the classification criteria are not met.
• Ingestion : Based on available data, the classification criteria are not met.
Corrosion : Based on available data, the classification criteria are not met.
Irritation : Causes serious eye irritation.
                     Causes skin irritation.
                     May cause respiratory irritation.
Sensitization : Based on available data, the classification criteria are not met.
Mutagenicity : Based on available data, the classification criteria are not met.
11. Toxicological information (continued)

Carcinogenicity : Based on available data, the classification criteria are not met.

Toxic for reproduction : Based on available data, the classification criteria are not met.

STOT-single exposure : Based on available data, the classification criteria are not met.

STOT-repeated exposure : Based on available data, the classification criteria are not met.

Aspiration hazard : Based on available data, the classification criteria are not met.

12. Ecological information

12.1. Toxicity

Toxicity information : Not established.

WGK class (Germany) : 3

12.2. Persistence - degradability

Persistence - degradability : Not established.

12.3. Bioaccumulative potential

Bioaccumulative potential : Not established.

12.4. Mobility in soil

Mobility in soil : Not established.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

12.6. Other adverse effects

Environmental precautions : Avoid release to the environment.

13. Disposal considerations

13.1. Waste treatment methods

General : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

14. Transport information

14.1. Land transport (ADR-RID)

General information : Not regulated.

14.2. Sea transport (IMDG) [English only]

General information : Not regulated.
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14. Transport information (continued)

14.3. Air transport (ICAO-IATA) [English only]

General information : Not regulated.

15. Regulatory information

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

Safety, health and environmental regulations/legislation specific for the substance or mixture : Ensure all national/local regulations are observed.

15.2. Chemical Safety Assessment

Chemical Safety Assessment : It has not been carried out.

16. Other information

Revision : Revision - See : *

Abbreviations and acronyms : PBT: persistent, bioaccumulative and toxic.
vPvB: very persistent and very bioaccumulative


List of full text of H-statements in section 3 : H319 : Causes serious eye irritation.
H315 : Causes skin irritation.
H335 : May cause respiratory irritation.

Further information : None.

The contents and format of this SDS are in accordance with REACH Regulation (CE) Nº 1907/2006 and CLP Regulation EC 1272/2008.

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