

## Material Safety Data Sheet

### 1. Identification of the substance/preparation and of the company/undertaking

- Product name:  
**iD Stain Pads (R-250)**
- Catalog number:  
**ID-STPAR1-020**
- Manufacturer/Supplier: Eurogentec S.A.  
Parc Scientifique du Sart Tilman  
4102 Seraing  
Belgium  
Tel. +32-4-3727400  
Fax.+32-4-3727500
- Further information obtainable from: Eurogentec Helpdesk  
Tel. +32-4-3727665
- Information in case of emergency: Please contact the regional Eurogentec representation in your country or Eurogentec S.A. directly.
- MSDS-Nr.: MSDS-ID-STPAR-V1

### 2. Composition/information on ingredients

- | Substance/preparation          | Preparation  |
|--------------------------------|--|
| Ingredient Name                | Formula  |
| Coomassie brilliant blue R-250 | C <sub>45</sub> H <sub>44</sub> N <sub>3</sub> NaO <sub>7</sub> S <sub>2</sub> |
| Acetic acid                    | C <sub>2</sub> H <sub>4</sub> O <sub>2</sub>                                   |
| Phosphoric acid                | H <sub>3</sub> PO <sub>4</sub>   |

### 3. Hazards identification

#### Coomassie brilliant blue R-250

The chemical, physical, and toxicological properties of this product have not been thoroughly investigated. Exercise due care.

#### Acetic acid

In accordance with local and national regulations, **Complies Regulation (EC) No 1272/2008 [EU-GHS/CLP]**

- Flammable liquids (Category 3)
  - Skin corrosion (Category 1A)
- Complies EU Directives 67/548/EEC or 1999/45/EC**
- Flammable. Causes severe burns.

#### **GHS – Classification**

- Signal word Danger
- Labelling according to Regulation (EC) No 1272/2008 [CLP]



#### **Hazard statement(s)**

- H226 Flammable liquid and vapour.
- H314 Causes severe skin burns and eye damage.

**Precautionary statement(s)**

- P280 Wear protective gloves/ protective clothing/ eye protection/ face 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.
- P310 Immediately call a POISON CENTER or a doctor.

**Supplemental Hazard Statements** none



**EU Specific Hazard Statements**

R-phrase(s)

- R10 Flammable.
- R35 Causes severe burns.

S-phrase(s)

- S23 Do not breathe gas/fumes/vapour/spray.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**Phosphoric acid**

In accordance with local and national regulations, **Complies Regulation (EC) No 1272/2008 [EU-GHS/CLP]**

- Skin corrosion (Category 1B)

**Complies EU Directives 67/548/EEC or 1999/45/EC**

- Causes burns.

**GHS – Classification**

- Signal word Danger
- Labelling according Regulation (EC) No 1272/2008 [CLP]

**Hazard statement(s)**

- H314 Causes severe skin burns and eye damage.

**Precautionary statement(s)**

- P280 Wear protective gloves/ protective clothing/ eye protection/ face 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.
- P310 Immediately call a POISON CENTER or a doctor.

**Supplemental Hazard Statements** *none*

According to European Directive 67/548/EEC as amended.

**EU Specific Hazard Statements**

R-phrase(s)

- R34 Causes burns.

S-phrase(s)

- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**4. First-aid measures**

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• Inhalation</li> </ul>             | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.   |
| <ul style="list-style-type: none"> <li>• Ingestion</li> </ul>              | If swallowed, wash out mouth with water provided person is conscious. Get medical attention.   |
| <ul style="list-style-type: none"> <li>• Skin Contact</li> </ul>           | In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. |
| <ul style="list-style-type: none"> <li>• Eye Contact</li> </ul>            | Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Consult an eye-specialist.                                     |
| <ul style="list-style-type: none"> <li>• Aggravating conditions</li> </ul> | Repeated or prolonged exposure is not known to aggravate medical condition.  |

## 5. Fire-fighting measures

- |                                |   |
|--------------------------------|---|
| • Flash Point                  | Not available   |
| • Autoignition Temp            | Not available   |
| • Flammability                 | Not available   |
| • Extinguishing Media Suitable | Small fire: Use dry chemical powder.<br>Large fire: Use water spray, fog or foam. Do not use water jet. |
| • Specific Hazard(s)           | Not available   |
| • Protection of fire-fighters  | Be sure to use an approved/certified respirator or equivalent.  |

## 6. Accidental release measures

- |   |   |
|---|---|
| • Personal precautions                              | Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist before handling this product. |
| • Procedure to Be Followed in Case of Leak or Spill | Use appropriate tools to put the spilled solid in a convenient waste disposal container.  |
| • Methods for Cleaning Up                           | Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.     |

## 7. Handling and storage

- |            |  |
|------------|--|
| • Handling | Avoid Inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.   |
| • Storage  | Store at room temperature, do not freeze. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. |

## 8. Exposure controls/personal protection

- |                                 |   |
|---------------------------------|---|
| • Engineering measures          | Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit. |
| • Hygiene measures              | Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.  |
| • Personal protective equipment |   |
| Skin and body                   | Lab coat  |
| Eyes                            | Safety glasses  |

## 9. Physical and chemical properties

- |                            |                          |
|----------------------------|--------------------------|
| • Physical state           | Solid and Liquid         |
| • Color                    | White and blue           |
| • Odour                    | No information available |
| • Boiling Point            | Not available            |
| • Melting point            | Not available            |
| • Flash point              | Not available            |
| • Autoignition temperature | Not available            |
| • Oxidizing properties     | Not available            |

• Freezing point	0°C
• Molecular weight	Not available
• PH	2 to 5
• Vapor Pressure	Not available
• Vapor Density	Not available
• Saturated Vapor Conc.	Not available
• SG/Density	Not available
• Bulk Density	Not available
• Volatile%	Not available
• VOC Content	Not available
• Water Content	20 to 50%
• Solvent Content	Coomassie brilliant blue R-250
• Evaporation Rate	Not available
• Viscosity	Not available
• Surface Tension	Not available
• Partition Coefficient	Not available
• Decomposition Temp.	Not available
• Explosion Limits	Not available
• Flammability	Not available
• Refractive Index	Not available
• Optical Rotation	Not available
• Miscellaneous Data	Not available
• Solubility	Not available

## 10. Stability and reactivity

• Stability	The product is stable.
• Hazardous Decomposition Products	Not available
• Hazardous Polymerisation	Will not occur

## 11. Toxicological information

• Skin contact	May cause skin irritation
• Skin Absorption	May be harmful if absorbed through the skin
• Inhalation	Material may be irritating to mucous membranes and upper respiratory tract, May be harmful if inhaled.
• Ingestion	May be harmful if swallowed
• Conditions aggravated by exposure	The toxicological properties have not been thoroughly investigated.

## 12. Ecological information

• Ecotoxicity	Not available
• Toxicity of the Products of Biodegradation	Not available

## 13. Disposal considerations

• Methods of disposal of Substance or Preparation	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. Observe all federal, state, and local environmental regulations.
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#### 14. Transport information

DOT

- Proper shipping Name
- Non-hazardous for transport

Not available

This substance is considered to be non-hazardous for transport

IATA

- Non-hazardous for air transport

Non-hazardous for air transport

#### 15. Regulation information

##### US Classification and Label Text

- US Statements

Caution: The chemical, physical, and toxicological properties of this product have not been thoroughly investigated. Exercise due care.

##### United States Regulatory information

- SARA Listed

Not available

##### Canada Regulatory Information

- WHMIS Classification

This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

- DSL
- NDSL

Not available

Not available

#### 16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.