

# Material Safety Data Sheet

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

- Product name:  
**iD HRP Substrate Kit**
- Catalog number:  
**ID-SUHRP1-060 - ID-SUHRP1-300 - ID-SUHRP1-500**
- 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-SUHRP-V1

## 2. Composition/information on ingredients

- Substance/preparation Preparation
- Ingredient Name iD HRP Substrate

## 3. Hazards identification

- Physical/chemical hazards Harmful
- Human health hazards Harmful if swallowed  
Irritating to eyes and skin
- NFPA ratings (scale 0 – 4) Health Rating: 2  
Reactivity Rating: 1  
Contact Rating: 3 - Severe (Corrosive)

## 4. First-aid measures

- Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a doctor immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin Contact 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.
- Eye Contact 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.

- Aggravating conditions Repeated or prolonged exposure is not known to aggravate medical condition.

## 5. Fire-fighting measures

- Flammability of the Product May be combustible at high temperature.
- Extinguishing Media Suitable Small fire: Use dry chemical powder.  
Large fire: Use water spray, fog or foam. Do not use water jet.
- Hazardous thermal (de)composition products These products are carbon oxides (CO, CO<sub>2</sub>), nitrogen oxides (NO, NO<sub>2</sub>...).
- Special fire-fighting procedures Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.
- 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.
- Small Spill and Leak Use appropriate tools to put the spilled solid in a convenient waste disposal container.
- Large Spill and Leak Use a shovel to put the material into a convenient waste disposal container.

## 7. Handling and storage

- Handling Avoid Inhalation
- Storage Keep at 2 - 8°C
- Packaging materials Use original container
- Recommended use

## 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 Liquid
- Color Not available
- Molecular Weight Not available
- Solubility Not available
- Flash point Not available
- Explosive properties Risks of explosion of the product in presence of mechanical impact: Not available  
Risks of explosion of the product in presence of static discharge: Not available

## 10. Stability and reactivity

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|---|--|
| <ul style="list-style-type: none"> <li>• Stability</li> <li>• Hazardous Decomposition Products</li> </ul> | <p>The product is stable.<br/>These products are carbon oxides (CO, CO<sub>2</sub>), nitrogen oxides (NO, NO<sub>2</sub>...)</p> |
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## 11. Toxicological information

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|---|--|
| <ul style="list-style-type: none"> <li>• RTECS #</li> <li>• Acute toxicity</li> <li>• Chronic toxicity</li> <li>• Other Toxic Effects on Humans</li> </ul>            | <p>N/A<br/>LD50: Not available<br/>LC50: Not available<br/>Repeated or prolonged exposure is not known to aggravate medical condition.<br/>Not available<br/>No specific information is available in our database regarding the other toxic effects of this material for humans.<br/>Not available<br/>To the best of our knowledge, the toxicological properties of this product have not been thoroughly investigated.</p> |
| <ul style="list-style-type: none"> <li>• Carcinogenic effects</li> <li>• Mutagenic effects</li> <li>• Reproduction toxicity</li> <li>• Teratogenic effects</li> </ul> | <p>Not available<br/>Not available<br/>Not available<br/>Not available</p>   |

## 12. Ecological information

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• Ecotoxicity</li> <li>• Toxicity of the Products of Biodegradation</li> </ul> | <p>Not available<br/>The product itself and its products of degradation are not toxic.</p> |
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## 13. Disposal considerations

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| <ul style="list-style-type: none"> <li>• Methods of disposal; Waste of residues; Contaminated Packaging</li> </ul> | <p>Waste must be disposed of in accordance with federal, state and local environmental control regulations.</p> |
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## 14. Transport information

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| <p>International transport regulations</p> <ul style="list-style-type: none"> <li>• Land - Road/Railway<br/>ADR/RID Class</li> <li>• Sea<br/>IMDG Class</li> <li>• Air<br/>IATA-DGR Class</li> <li>• Special Provisions for Transport</li> </ul> | <p>Not controlled under ADR (Europe)<br/>Not controlled under IMDG<br/>Not controlled under IATA<br/>Not applicable</p> |
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## 15. Regulation information

- EU Regulations  
Risk Phrases
- U.S. Federal Regulations

This product is not classified according to the EU regulations.

TSCA: No products were found

SARA 302/304/311/312 extremely hazardous substances: No products were found

SARA 302/304 emergency planning and notification: No products were found

SARA 302/304/311/312 hazardous chemicals: No products were found

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found

SARA 313 toxic chemical notification and release reporting: No products were found

Clean Water Act (CWA) 307: No products were found

Clean Water Act (CWA) 311: No products were found

Clean air act (CAA) 112 accidental release prevention: No products were found

Clean air act (CAA) 112 regulated flammable substances: No products were found

Clean air act (CAA) 112 regulated toxic substances: No products were found

Not controlled under the HCS (United States)

- HCS Classification
- State Regulations
- WHMIS (Canada)

Not controlled under WHMIS (Canada)

No products were found

## 16. Other information

Hazardous Material  
Information System  
(U.S.A.)

Health	0
Fire Hazard	1
Reactivity	0
Personal Protection	A

National Fire  
Protection Association  
(U.S.A.)



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.