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 Scientifc 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
  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. 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.

- Eye Contact

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• 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, CO₂), nitrogen oxides (NO, NO₂...).

• 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
  Recommended use
  Use original container

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

- Stability
  The product is stable.

- Hazardous Decomposition Products
  These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂,...)

11. Toxicological information

- RTECS # N/A
- Acute toxicity
  LD₅₀: Not available
  LC₅₀: Not available
- Chronic toxicity
  Repeated or prolonged exposure is not known to aggravate medical condition.
- Other Toxic Effects on Humans
  Not available
  No specific information is available in our database regarding the other toxic effects of this material for humans.
  Not available
  To the best of our knowledge, the toxicological properties of this product have not been thoroughly investigated.
- Carcinogenic effects Not available
- Mutagenic effects Not available
- Reproduction toxicity Not available
- Teratogenic effects Not available

12. Ecological information

- Ecotoxicity Not available
- Toxicity of the Products of Biodegradation
  The product itself and its products of degradation are not toxic.

13. Disposal considerations

- Methods of disposal; Waste of residues; Contaminated Packaging
  Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. Transport information

International transport regulations
- Land - Road/Railway
  ADR/RID Class Not controlled under ADR (Europe)
- Sea
  IMDG Class Not controlled under IMDG
- Air
  IATA-DGR Class Not controlled under IATA
- Special Provisions for Transport Not applicable
15. Regulation information

- EU Regulations
  Risk Phrases
  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
- U.S. Federal Regulations
- HCS Classification
  Not controlled under the HCS (United States)
- State Regulations
- WHMIS (Canada)
  Not controlled under WHMIS (Canada)
  No products were found

16. Other information

Hazardous Material Information System (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.