Material Safety Data Sheet

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

- Product name:
  - iD Western 1H - Essential Kit
  - iD Western 1H - Enhanced Kit with HRP
  - iD Western 1H - Enhanced Kit with TMB
  - iD Western 1H - Sensitive Kit with HRP
  - iD Western 1H - Kit for Fluorescent Detection
  - iD Western 1H – Multiplex Kit for Fluorescent Detection

- Catalog number:
  - Rabbit: ID-WBESR1-005, ID-WBEHR1-005, ID-WBETR1-005, ID-WBSHR1-005
  - Mouse: ID-WBESM1-005, ID-WBEHM1-005, ID-WBETM1-005, ID-WBSHM1-005
  - Goat: ID-WBESG1-005, ID-WBEHG1-005, ID-WBETG1-005, ID-WBSHG1-005
  - Fluorescent: ID-WBFLU1-010, ID-WBMFL1-010

- 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-WB1HKIT-V1

2. Composition/information on ingredients

- Substance/preparation
  - Dangerous Components
    - Sodium hydroxide
    - Thimerosal
    - BSA
    - PBS

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, 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

- **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**
  - **Eyes**
    - Lab coat
    - 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, CO\(_2\)), nitrogen oxides (NO, NO\(_2\),...)

11. Toxicological information

- **RTECS #**
  N/A

- **Acute toxicity**
  LD\(_{50}\): Not available
  LC\(_{50}\): 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
  - ADR/RID Class: Not controlled under ADR (Europe)
  - IMDG Class: Not controlled under IMDG
  - 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.
  - U.S. Federal 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

- HCS Classification: Not controlled under the HCS (United States)

- State Regulations: WHMIS (Canada) Not controlled under WHMIS (Canada)

- 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.