

Material Safety Data Sheet

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

- Product name:
iD Blocking Kit for Western Blot
- Catalog number:
ID-WCBLO1-001
- 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-WCBLO-V1

2. Composition/information on ingredients

- | | | |
|-------------------------|---------------------|----------|
| • Substance/preparation | Preparation | |
| • Dangerous Components | | |
| | Sodium hydroxide | 0.1%-10% |
| | Sodium deoxycholate | 0.1%-10% |
| | Methanol | 0.1%-10% |
| | Thimerosal | 0.01% |

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.
- Hazardous thermal (de)composition products
Large fire: Use water spray, fog or foam. Do not use water jet.
- Special fire-fighting procedures
These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...).
- Protection of fire-fighters
Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.
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
Eyes
Lab coat
Safety glasses

9. Physical and chemical properties

- Physical state
Liquid
- Color
Colorless
- Flash point
Not available
- Explosive properties
No

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

- Skin Irritation Not available
- 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
- 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 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 This product is not classified according to the EU regulations.
- Risk Phrases TSCA: No products were found
- U.S. Federal Regulations 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)

Not controlled under WHMIS (Canada)

- HCS Classification
- State Regulations
- WHMIS (Canada)

16. Other information

For Research use only

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.