

## Material Safety Data Sheet

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

- Product name:  
**iD Sample Buffer**
- Catalog number:  
**ID-WCSAB1-005**
- 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- WCSAB-V1

### 2. Composition/information on ingredients

- Substance/preparation Substance
- Dangerous Components  
SDS  
Tris  
BPB  
2-Mercaptoethanol  
Glycerol

### 3. Hazards identification

	Tris Base
HMIS Rating	
Health	2
Flammability	0
Reactivity	0
NFPA Rating	
Health	2
Flammability	0
Reactivity	0

### 4. First-aid measures

- Inhalation If inhaled, remove to fresh air.
- Ingestion If swallowed, wash out mouth with water provided person is conscious. Call a doctor.
- Skin Contact In case of contact, immediately flush skin with plenty of water.
- Eye Contact In case of contact with eyes, flush with copious amounts of water for at least 15 minutes

## 5. Fire-fighting measures

• Flash Point	Not available
• Autoignition Temp	Not available
• Flammability	Not available
• Extinguishing Media Suitable	Dry Chemical
• Fire Fighting Protective Equipment	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## 6. Accidental release measures

• Procedure(s) of Personal Precaution(s)	Use personal protective equipment.
• Methods for Cleaning Up	Soak up with inert absorbent material.

## 7. Handling and storage

• Handling	No special handling advice required
• Storage	Keep in properly labeled containers

## 8. Exposure controls/personal protection

• Engineering Controls	Ensure adequate ventilation, especially in confined areas.
• Personal Protective Equipment	
Respiratory	In case of insufficient ventilation wear suitable respiratory equipment.
Hand protection	Protective gloves.
Eye protection	Safety glasses with side-shields.
Skin and body protection	Lightweight protective clothing.
Environmental exposure	Prevent product from entering drains.
General Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

Appearance	
Physical State	Form: Liquid Colour: blue Odour: pungent
Property	
Molecular Weight	Not available
pH	Not available
BP/BP Range	Not available
MP/MP Range	Not available
Freezing Point	Not available
Vapor Pressure	Not available

Vapor Density	Not available
Saturated Vapor Conc.	Not available
SG/Density	Not available
Bulk Density	Not available
Odor Threshold	Not available
Volatile%	Not available
VOC Content	Not available
Water Content	Not available
Solvent Content	Not available
Evaporation Rate	Not available
Viscosity	Not available
Surface Tension	Not available
Partition Coefficient	Not available
Decomposition Temp.	Not available
Flash Point	Not available
Explosion Limits	Not available
Flammability	Not available
Autoignition Temp	Not available
Refractive Index	Not available
Optical Rotation	Not available
Miscellaneous Data	Not available
Solubility	Not available

## 10. Stability and reactivity

- |                                    |  |
|------------------------------------|--|
| • Stability                        | Stable                                   |
| • Hazardous Decomposition Products | Not available                            |
| • Materials to avoid               | Not available                            |
| • Products polymerization          | Hazardous polymerization does not occur. |

## 11. Toxicological information

- |                            |  |
|----------------------------|--|
| • Routes of Exposure/      |  |
| • Potential Health effects |  |
| Eyes                       | May cause eye irritation with susceptible person.  |
| Skin                       | May cause skin irritation with susceptible person. |
| Inhalation                 | Not available                                      |
| Ingestion                  | Not available                                      |
| • Specific effects         | (Long term effects)                                |
| Carcinogenic effects       | Not available                                      |
| Mutagenic effects          | Not available                                      |
| Reproductive toxicity      | Not available                                      |
| Sensitization              | Not available                                      |
| • Target Organ Effect      | Not available                                      |

## 12. Ecological information

- |                   |                          |
|-------------------|--------------------------|
| • Ecotoxicity     | Not available            |
| • Biodegradation  | Inherently biodegradable |
| • Mobility        | Not available            |
| • Bioaccumulation | Does not bioaccumulate   |

### 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

- IATA  
Proper shipping name      Not classified as dangerous in the meaning of transport regulation  
Hazard Class      Not available  
Subsidiary Class      Not available  
Packing group      Not available  
UN-No      Not available

### 15. Regulation information

- **Tris base**      found on the following regulatory lists;  
US Toxic Substances Control Act (TSCA) – Inventory.
- **2-Mercaptoethanol**      found on the following regulatory lists;  
- US Toxic Substances Control Act (TSCA)  
- European Inventory of Existing Commercial Chemical Substances (EINECS).  
-Canada Toxicological Index Service - Workplace Hazardous Materials Information System -WHMIS (English)", "Canada Domestic Substances List (DSL)" – Inventory.
- **SDS**      found on the following regulatory lists;  
- US Toxic Substances Control Act (TSCA) – Inventory.  
- Hazard Category for SARA Section 311/312 Reporting: Acute

### 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.