

## Material Safety Data Sheet

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

- Product name:  
**ID MOPS Running Buffer Powder**
- Catalog number:  
**ID-WCRUB1-005**
- 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-WCRUB-V1

### 2. Composition/information on ingredients

- Substance/preparation Substance
- Dangerous Components
 

Tris Base	Formula: C <sub>4</sub> H <sub>11</sub> NO <sub>3</sub>
MOPS	Formula: C <sub>7</sub> H <sub>15</sub> NO <sub>4</sub> S
SDS	Formula: C <sub>12</sub> H <sub>25</sub> O <sub>4</sub> SNa
EDTA	Formula: C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> O
SARA 313	

### 3. Hazards identification

	Tris Base	MOPS	SDS	EDTA
HMIS Rating				
Health	2	2	2	0
Flammability	0	0	1	0
Reactivity	0	0	0	0
NFPA Rating				
Health	2	2	2	0
Flammability	0	0	1	0
Reactivity	0	0	0	0

### 4. First-aid measures

- Inhalation If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Get medical attention.
- 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. Remove contaminated clothing and shoes. Get medical attention.

- Eye Contact

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

## 5. Fire-fighting measures

- |                        |  |
|------------------------|--|
| • Flash Point          | Not available  |
| • Autoignition Temp    | Not available  |
| • Flammability         | Not available  |
| • Extinguishing Media  |  |
| • Suitable             | Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.                                 |
| • Fire Fighting        |  |
| • Protective Equipment | Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. |
| • Specific Hazard(s)   | Emits toxic fumes under fire conditions  |

## 6. Accidental release measures

- |   |   |
|---|---|
| • Procedure to Be Followed in Case of Leak or Spill | Evacuate area   |
| • Procedure(s) of Personal Precaution(s)            | Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves   |
| • Methods for Cleaning Up                           | Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete. |

## 7. Handling and storage

- |                             |  |
|-----------------------------|--|
| • Handling<br>User Exposure | Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. |
| • Storage                   | Storage at RT  |

## 8. Exposure controls/personal protection

- |  |   |
|--|---|
| • Engineering Controls                         | Mechanical exhaust required   |
| • Personal Protective Equipment<br>Respiratory | Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) respirator. |
| Other  | Wear appropriate government approved respirator, chemical-resistant gloves, safety goggles, other protective clothing.  |
| • General Hygiene Measures                     | Wash thoroughly after handling  |

## 9. Physical and chemical properties

- |                  |               |
|------------------|---------------|
| Appearance       |               |
| Physical State   | Solid powder  |
| Property         |               |
| Molecular Weight | Not available |

pH	6.8
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	0
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	Soluble in water

## 10. Stability and reactivity

- Stability: The product is stable.
- Hazardous Decomposition Products: carbon dioxides, nitrogen oxides, sulfides

## 11. Toxicological information

- Route of Exposure
  - Skin Contact: May cause skin irritation
  - Skin Absorption: May be harmful if absorbed through the skin
  - Inhalation: Material may be irritating to mucous membranes and upper respiratory tract, May be harmful if inhaled.
- Ingestion: May be harmful if swallowed
- Conditions Aggravated by Exposure: The toxicological properties have not been thoroughly investigated.

## 12. Ecological information

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

## 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**

- DOT  
Proper Shipping Name Not available  
Non-Hazardous for Transport This substance is considered to be non-hazardous for transport.
- IATA  
Non-Hazardous for Air Transport Non-hazardous for air transport

**15. Regulation information**

- EU Regulations This product is not classified according to the EU regulations.
- U.S. Federal Regulations SARA listed – Not available
- HCS Classification Not controlled under the HCS (United States)
- WHMIS (Canada) Not controlled under 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.