



## **MATERIAL SAFETY DATA SHEET**

According to EC Directive 91/155 EC

Date: 01/05/11

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

#### 1.1 Product Details:

Trade Name: Tetro Reverse Transcriptase

Catalogue Number: BIO-65060 for 10,000 Units (200U/µl)

#### 1.2 Company Details:

Manufacturer/ Supplier: Bioline  
16 The Edge Business Centre  
Humber Road  
London  
NW2 6EW  
Tel: +44 (0)20 8830 5300  
Fax: +44 (0)20 8452 2822

Further Information Obtainable from:

Technical Services  
Details as above

#### 1.3 Emergency Details:

24-Hour Contact in case of emergency:

Vergiftungs-Informationen-Zentrale  
Mathilden Strasse 1  
79106 Freiburg  
GERMANY  
Tel: +49 (0) 761 19240.

### 2. Composition/ Information on Ingredients

#### 2.1 Chemical Characterisation:

Description: Mixture of substances listed below with non-hazardous additions.

Dangerous Components: None

### 3. Hazards Identification

#### 3.1 Precautionary Statements:

R 36/37/38: Irritating to eyes, respiratory system and skin.

Target Organs: Kidneys

### 4. First Aid Measures

#### 4.1 After Inhalation:

Remove to fresh air. If irritation persists consult a doctor immediately.

#### 4.2 After Swallowing:

Wash mouth out with water provided the person is conscious. Consult a doctor immediately.

#### 4.3 After Contact with Eyes:

Immediately flush eyes with copious amounts of water for several minutes. Consult a doctor immediately.

#### 4.4 After Contact with Skin:

Immediately wash with soap and copious amounts of water.

### 5. Fire Fighting Measures

#### 5.1 Suitable Extinguishing Media:

Water spray, CO<sub>2</sub> or dry chemical powder. Large fires should be confronted with water spray or alcohol resistant foam.

#### 5.2 Unusual Fire Hazard:

Emits toxic fumes when on fire.

#### 5.3 Fire Fighting Protective Measures:

Wear protective clothing to prevent contact with the skin and eyes.

Wear self-contained breathing equipment to prevent inhalation of explosive or combustion gasses.

### 6. Accidental Release Measures

#### 6.1 Personal Precautions:

Ensure ventilation is adequate. Wear rubber gloves.

#### 6.2 Environmental Precautions:

Do not allow to enter the surface or ground water. Do not allow to enter sewers.

#### 6.3 Clean-up Measures:

Use a liquid-binding material (e.g. sand, sawdust, diatomite etc.) to absorb the spillage. Place in closed containers for disposal. Ventilate area well after clean-up procedures have taken place.

### 7. Handling and Storage

#### 7.1 Handling:

No special measures are required for safe handling of this product.

#### 7.2 Storage:

No special storage requirements for this product.

No special measures for fire and explosive protection required.

Store at -20°C.

### 8. Exposure Controls/ Personal Protection

#### 8.1 Engineering Measures:

None required, see section 7.



This product has no known carcinogenic properties.  
This product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations, as issued in the latest version.

## 12. Ecological Information

### 12.1 Environmental Effects

Environmental Fate/Stability: Unknown

Effects on Plants or Animals: Unknown

### 12.2 Water Hazard

This product is slightly hazardous for water.

Do not allow product to come into contact with surface or ground water, and do not allow it to reach the sewage system.

## 13. Disposal Considerations

### 13.1 Product Disposal:

This product must not be disposed of with household waste or in any other manner that may lead to it entering the sewage system.

### 13.2 Packaging Disposal:

Unclean packaging should be disposed of according to official regulations.

## 14. Transport Information

### 14.1 Land Transport:

Product does not belong to a hazard class of any international agreements on the transport and packaging of dangerous goods.

### 14.2 Maritime Transport:

This product is not a marine pollutant.

### 14.3 Air Transport

Product does not belong to any hazard classification.

## 15. Regulatory Information

### 15.1 Labelling According to EU Guidelines

This product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials.

General safety regulations should always be observed when handling chemicals.

## 16. Other Information

The information provided in this Material Safety Data Sheet (MSDS) is accurate to the best of our present knowledge. However, this shall not constitute a guarantee for any specific product features. All substances and preparations may present unknown hazards and should be used with caution. Bioline shall not be held liable for any damage resulting from the handling of or from contact with the above product. The information supplied in this MSDS shall not establish a legally valid contractual relationship.