

## **MATERIAL SAFETY DATA SHEET: TOPOISOMERASE II P170 CAT. NO. TG2000H**

### 1. Product Identification

Purified Human Type II Topoisomerase p170 (TG2000H-1, TG2000H-2) is a human enzyme in buffer solution.

### 2. Hazard Identification

Material is non-hazardous, non-infectious, and non-toxic.

### 3. Composition

Active Ingredient: Human Topo II p170 enzyme. Other ingredients in solution: 10% glycerol, 50 mM Tris (pH7.7), 1mM EDTA and EDTA, 650 mM NaCl.

### 4. First Aid Measures

In case of contact with skin, wash immediately with soap and water. In case of contact with eyes, flush with water and seek medical advice if discomfort persists.

### 5. Fire Fighting Measures

Extinguishing media: water spray, carbon dioxide, dry chemical powder or foam as required.

### 6. Accidental Release Measures

Wear appropriate protective clothing. Absorb onto sand or vermiculite and place in closed container for disposal.

### 7. Storage and Handling

The product should be stored at -70 C. Product is stable for short periods on wet ice. Avoid multiple freeze/thaw cycles. Special requirements: heat sensitive. Avoid contact with eyes, skin, and clothing.

### 8. Exposure Controls and Personal Protection

Wear gloves and appropriate protective clothing to avoid contact with skin and eyes.

### 9. Physical and Chemical Properties

Aqueous, colorless liquid.

### 10. Stability and Reactivity

Stable. The possibility of reaction with other substances cannot be excluded.

### 11. Toxicological Information

Some constituents may cause skin or eye irritation.

### 12. Ecological Information

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

### 13. Disposal Considerations

Dispose of in accordance with local rules and regulations.

14. Transport Information

Not subject to transport regulations.

15. Regulatory Information

Ingredients are not classified as dangerous or toxic according to US Classification. Harmful if swallowed. Products are for in-vitro use only and not certified for use with humans.

16. Other Information

The above information is believed to be correct but does not purport to be all-inclusive and shall only be used as a guide. TopoGEN, Inc. and its officers, employees, and agents shall not be held liable for any claims brought by third parties due to damage resulting from handling or contact with the above product.

Country of origin: USA

Manufacturer: TopoGEN, Inc., Buena Vista, CO 81211