

MATERIAL SAFETY DATA SHEET

Name: RNase Terminator

CATALOG No.: D1180

DATE: 5/20/2010 REV.1.1

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: RNase Terminator

SYNONYMS:

PRODUCT CODES: D1180

MANUFACTURER: BridgePath Scientific, LLC

DIVISION: Scientific Services

ADDRESS: 4841 International Blvd, Suite 105
Frederick, MD 21703

PHONE: 240-436-6146

PRODUCT USE: Removal of RNase contamination

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION:

Ingredient 1: (Proprietary)	0.4-0.6% w/w
Ingredient 2: (Proprietary)	0.01-0.02% w/w
Ingredient 2: (Proprietary)	5-7% w/w
Ingredient 4: (Proprietary)	1-2 % w/w

HAZARDOUS COMPONENTS:

Ingredient 1: Irritant

Ingredient 2: Irritant

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Appearance: Clear, colorless liquid.

Non-Flammable.

Irritant to eyes, skin, respiratory and gastric systems. Do NOT ingest.

ROUTES OF ENTRY/ POTENTIAL HEALTH EFFECTS

ACUTE HEALTH HAZARDS:

EYES: Irritating to eyes. Causes itching, burning, redness and tearing.

SKIN: Irritating to skin.

INGESTION: May cause gastrointestinal irritation, nausea, vomiting.
INHALATION: May cause irritation of respiratory tract.
CHRONIC HEALTH HAZARDS: Not Applicable
CARCINOGENICITY: Not Applicable
TARGET ORGANS: Eyes, Skin, Respiratory and Gastric systems.

SECTION 4: FIRST AID MEASURES

GENERAL: Consult a physician. Show this data sheet to doctor in attendance.
EYES: Wash immediately with plenty of water.
SKIN: Wash immediately with plenty of water.
INGESTION: Wash mouth with water. Drink plenty of water.
INHALATION: Move to fresh air.

SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA:

Water Spray; Carbon dioxide; Foam; Dry Chemical. (Not Flammable)

SPECIAL FIRE FIGHTING PROCEDURES:

Wear self-contained breathing apparatus for fire fighting, if necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

METHODS FOR CLEANING UP:

Soak up with inert absorbent material.

SECTION 7: HANDLING AND STORAGE

HANDLING: Avoid inhalation of vapor or mist. Wear appropriate eye and skin protection.

STORAGE: Store upright. Opened containers should be resealed. Do not freeze.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Ensure adequate ventilation.

RESPIRATORY PROTECTION: In case of inadequate ventilation, wear respiratory equipment.

EYE PROTECTION: Safety glasses with side shields.

SKIN PROTECTION: Lightweight protective clothing.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WORK HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practice. Wash hands at the end of work day.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Form: Liquid

Color: Clear

BOILING POINT: 100 °C.

MELTING POINT: No Data Available.

SPECIFIC GRAVITY (H₂O = 1): 1 (25 °C).

SOLUBILITY IN WATER: Soluble.

FLASH POINT: Not applicable.

IGNITION POINT: Not applicable.

ORGANIC SOLVENTS: None.

WATER: >90 %.

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable.

INCOMPATIBILITY (MATERIAL TO AVOID): No information available.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: No decomposition under normal storage, or if used as specified.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

ROUTES OF ENTRY/ POTENTIAL HEALTH EFFECTS

EYES:	Mild eye irritation
SKIN:	Mild skin irritation
INGESTION:	Ingestion may cause irritation to mucous membranes
INHALATION:	May cause irritation of respiratory tract

ACUTE HEALTH HAZARDS: Not Applicable

CHRONIC HEALTH HAZARDS: Not Applicable

CARCINOGENICITY: Not Applicable

TARGET ORGANS: No information available.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No Data Available.

SECTION 13: DISPOSAL CONSIDERATIONS

PRODUCT: Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

CONTAMINATED PACKAGING: Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

HAZARD CLASS:

DOT: Non-Hazardous

IATA: Non-Hazardous

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: Irritant (eyes, skin, gastric and respiratory systems).

STATE: REGULATIONS: -

INTERNATIONAL REGULATIONS: -

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Material is sold for research and development purposes only. Not intended for clinical or diagnostic use. Not intended for consumption, cosmetic, drug, or household use.

DISCLAIMER: Information is provided in this data sheet is based on the present state of our knowledge and believed to be correct but does not purport to be all inclusive and shall be used only as a guide. It does not represent any guarantee of the properties of the product. BridgePath Scientific, LLC. shall not be held liable for any damage resulting from handling or from contact with the above product.