

Material Safety Data Sheet

Date of Issuance: December 5, 2004

Section I - Substance Identity and Company Contact Information

Trade Name: Solution 1 or Buffer A of the Hurricane Maxi and Mini Plasmid Prep

Company Contact:

Gerard Biotech LLC

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SECTION II: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION: Aqueous solution of Tris(hydroxymethyl) aminomethane, Ethylenediaminetetraacetic Acid, RNase A.

HAZARDOUS COMPONENTS: Not applicable.

SECTION III: HAZARD IDENTIFICATION

Irritating to eyes and skin. May cause sensitization by skin contact.

SECTION IV: FIRST AID MEASURES

General Information: Remove and wash contaminated clothing promptly.

IN CASE OF INHALATION: Supply fresh air and then consult a doctor.

IN CASE OF EYE CONTACT: Immediately flush eyes with copious amounts of water for 5 minutes.

IN CASE OF SKIN CONTACT: Immediately wash skin with soap and copious amounts of water.

IF SWALLOWED: Rinse mouth with copious amounts of water. Then consult a doctor.

SECTION V: FIREFIGHTING MEASURES

EXTINGUISHING AGENTS: Noncombustible. Use water or extinguishing media appropriate to surrounding fire conditions.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION VI: ACCIDENTAL RELEASE MEASURES

PRECAUTIONARY MEASURES: Wear self-contained breathing apparatus, chemical safety goggles, rubber boots, and heavy rubber gloves.

CLEAN-UP PROCEDURES: Absorb with sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pick-up is complete.

SECTION VII: HANDLING AND STORAGE

HANDLING: No special measures required.

STORAGE: No special requirements. Store at room temperature.

SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION

The routine precautionary measures for handling chemicals should be followed such as wearing chemical safety goggles, rubber gloves, rubber boots, NIOSH / MSHA-Approved respirator when handling chemicals and wash thoroughly after handling. Handle chemicals with care and avoid contact with eyes, skin, or on clothing. Use safety shower and eye bath as first aid measures if exposed to chemicals.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE / FORM: Liquid

COLOR: Colorless

ODOR: None

pH FACTOR: (20°C) 7.5-8.0

VISCOSITY: (20°C) N/A

MELTING POINT: N/A

BOILING POINT: N/A

IGNITION TEMPERATURE: N/A

FLASHPOINT: N/A

EXPLOSION LEVEL: LOWER: N/A

UPPER: N/A

VAPOR PRESSURE: (20°C) N/A

SPECIFIC GRAVITY: (20°C) N/A

SOLUBILITY IN WATER: (20°C) Soluble

SECTION X: STABILITY AND REACTIVITY

SUBSTANCES TO BE AVOIDED: N/A

DANGEROUS REACTIONS: No dangerous reactions known.

HAZARDOUS, COMBUSTION, OR DECOMPOSITION PRODUCTS: No dangerous decomposition products known.

SECTION XI: TOXICOLOGICAL INFORMATION

TOXICITY DATA: N/A

ACUTE EFFECTS INHALATION: May be harmful by inhalation.

EYE CONTACT: May cause eye irritation.

SKIN CONTACT: May cause skin irritation.

INGESTION: May be harmful if swallowed.

PROLONGED EXPOSURE: N/A

CHRONIC EFFECTS: N/A

RTECS number: N/A

ADDITIONAL INFORMATION: The product should be handled with routine precautionary measures for handling chemicals. Additional harmful properties cannot be ruled out.

SECTION XII: ECOLOGICAL INFORMATION

No information available.

SECTION XIII: DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

SECTION XIV: TRANSPORT INFORMATION

DOT REGULATIONS: Not applicable.

SECTION XV: REGULATORY INFORMATION

No information available.

Section XVI – Other Information

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