

Material Safety Data Sheet

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Section I - Substance Identity and Company Contact Information

Trade Name: Genomic Isolation Tubes

Company Contact:

Gerard Biotech LLC

20 West High Street

Oxford, OH 45056

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866-437-2735

Fax:

866-437-2899

Emergency:

CHEMTREC: 800-424-9300 (USA)

Section II – Chemical Composition and Data on Components

Description: Crystallized proprietary composition.

Dangerous Components:

CAS No	Description
29450-01-6	Proteinase K

Section III – Hazards Identification

Emergency Overview:

Avoid contact and inhalation

Potential Health Effects:

Eye: Risk of serious eye damage

Skin: Causes skin irritation and allergic skin reaction.

Ingestion: May cause severe gastrointestinal tract irritation and damage

Inhalation: Causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath. May cause allergic reaction in sensitive individuals.

Section IV – First aid measures

Eyes: Flush eyes with plenty of water for 15 minutes, assure adequate flushing by separating the eyelids with fingers. Get medical attention immediately.

Skin: In case of contact with skin, immediately wash skin with soap and copious amounts of water.

Inhalation: Remove to fresh air, if not breathing give artificial respiration, call physician.

Ingestion: Call physician immediately. Do not induce vomiting without medical advice.

Section V – Fire Fighting Measures

Extinguishment Media:

Suitable: Noncombustible. Use extinguishment media appropriate to surrounding fire conditions.

Special Fire Fighting 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, heavy rubber gloves and other proper protective equipment as indicated in section VIII.

Methods for Clean Up: Sweep up or absorb material, then place into suitable clean, dry, closed container for disposal. Ventilate area and wash spill site after material pick up is complete.

Section VII – Handling and Storage

Handling

User exposure: Avoid contact with eyes, skin and clothing. Avoid inhalation. Avoid prolonged or repeated exposure.

Storage

Store at room temperature. Keep container tightly sealed.

Section VIII – Exposure Controls and Personal Protection

Safety shower and eye bath. System of local and/ or general exhaust is recommended.

Chemical safety goggles (tightly sealed), appropriate protective rubber gloves, appropriate clothing to prevent skin exposure. Wash thoroughly after handling; do not get in eyes, on skin or on clothing

Section IX – Physical and Chemical Properties

Form: Crystallized

Color: White

Odor: Odorless

pH factor: Not available

Vapor Pressure: Not Available

Vapor Density: Not Available

Evaporation rate: Not Available

Viscosity: Not Available

Melting Point: Not Available

Flash Point: Not Available

Explosion Level: Not Available

Solubility in Water: Not Available

Section X – Stability and Reactivity

Stability: Stable

Substances to be avoided: strong oxidizing agents.

Hazardous Decomposition Products: Nature of decomposition products not known.

Section XI – Toxicological Information

Skin: May causes skin irritation.

Eye: May causes eye irritation.

Inhalation: May be harmful if inhaled. Material is irritating to mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

Additional: Additional harmful properties can not be ruled out.

Section XII – Ecological Information

No data available

Section XIII – Disposal Considerations

Observe all federal, state and local environmental regulations.

Section XIV – Transport Information

No information available

Section XV – Regulatory Information

No information available

Section XVI – Other Information

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