

MATERIAL SAFETY DATA SHEET

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PRODUCTS: Calibration Standard and Amino Acid Test Mixture

Cat. No. 011006P, 012006P, 012506H, 012506C, 1700-0070,
1700-0150, 1700-0155, 1700-0170

Section I – General

CAS #: None
FORMULA: See enclosed list
CHEMICAL NAME: Amino acid
CHEMICAL FAMILY: Aqueous solution

Section II – Hazardous Ingredients

- 1: Not hazardous
Contains < 1% wt/vol of citric acid (CAS# 77-92-9); 3–43 naturally-occurring non-hazardous amino acids; < 1% wt/vol of phenol (CAS# 108-95-2) as a preservative; and other non-hazardous salts in water

Section III – Physical Data

VAPOR PRESSURE: < 17 mm Hg @ 20°C
BOILING POINT: 100°C (approximately)
APPEARANCE: Clear solution
% VOLATILITY BY VOLUME: 96+
SOLUBILITY: Aqueous solution

Section IV – Toxicity Data

RTECS #: Not applicable
RTECS NAME: Not applicable
TOXICITY: Not established
THRESHOLD LIMIT VALUE: Not established
REVIEWS: Please refer to Registry of Toxic Effects of Chemical Substances (RTECS) for complete information.

Section V – Health Hazards and First Aid

ACUTE EFFECTS: May cause minor skin irritation.
CHRONIC EFFECTS: Not established
EYE CONTACT: Flush with plenty of water for at least 15 minutes. Get medical attention.
SKIN CONTACT: Wash with soap and water.
INHALATION: Not applicable
INGESTION: Rinse mouth with water insuring rinse is not swallowed. Drink 2 glasses of water to dilute and induce vomiting by touching finger to back of victim's throat. Get medical attention.

Section VI – Fire and Explosion Hazards

FLASHPOINT: Not flammable
EXTINGUISHING MEDIA: Not applicable
FIREFIGHTING PROCEDURE: Not applicable
UNUSUAL HAZARDS: Not applicable
EXPLOSIVE PROPERTIES: Not applicable

Section VII – Reactivity

GENERAL: Stable
INCOMPATIBILITIES: Primary and secondary amines will cause non-hazardous contamination of the material.
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: Will not occur.

Section VIII – Spill or Leak Procedures

SPILL PROCEDURE: Wear eye protection and gloves. Soak up spill with rags, paper towels, sponge, etc., and rinse away or discard. Clean spill area with water.
WASTE DISPOSAL: Comply with all federal, state, and local regulations.

Section IX – Precautions for Handling and Storage

SAFETY EQUIPMENT: Chemical safety goggles, vinyl / latex / or rubber gloves, safety shower with eye-wash.
HANDLING PROCEDURES: Avoid eye and skin contact. Do not ingest. Wear safety glasses and gloves.
STORAGE PROCEDURES: Store at - 4°C.

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