

MATERIAL SAFETY DATA SHEET

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PRODUCTS: Sample Diluent for Ion-exchange Chromatography of Amino Acids
Cat. No. Na220 & Li220

Section I – General

CAS #: None
FORMULA: See below
CHEMICAL NAME: Not applicable
SYNONYMS: Not applicable
CHEMICAL FAMILY: Aqueous salt solution

Section II – Hazardous Ingredients

1: Not hazardous; contains < 0.08% wt phenol [CAS 108-95-2] as a preservative and other non-hazardous salts in water.

Section III – Physical Data

MELTING POINT: Not available
BOILING POINT: 100°C (approximately)
VAPOR PRESSURE: < 17 mm Hg @ 20°C
% VOLATILITY BY VOLUME: 96+ %
APPEARANCE: Clear, odorless solution
SOLUBILITY: Aqueous solution

Section IV – Toxicity Data

RTECS #: Not available
RTECS NAME: Not available
REVIEWS: Not available

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; assure adequate flushing by separating eyelids with fingers. 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: Water spray
FIREFIGHTING PROCEDURE: Not applicable
UNUSUAL HAZARDS: None
EXPLOSIVE PROPERTIES: Not explosive

Section VII – Reactivity

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

Section VIII – Spill or Leak Procedures

SPILL PROCEDURE: Wear eye protection and rubber gloves. Soak up spill with rags, paper towels, sponge; rinse away or discard. Clean spill-area thoroughly with soap and water.
WASTE DISPOSAL: This solution may be sent to an EPA-approved waste disposal facility. Comply with all federal, state, and local regulations.

Section IX – Precautions for Handling and Storage

SAFETY EQUIPMENT: Chemical safety goggles, laboratory coat, 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 room temperature.

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