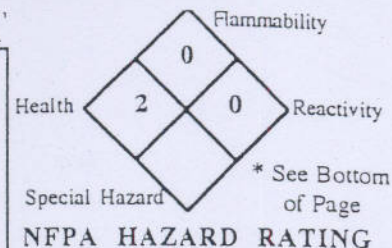


MATERIAL SAFETY DATA SHEET

Distributed By:

HILLYARD, INC.

302 N. Fourth St.
St. Joseph, Missouri 64502



Product Name: **Steamline 115**

EMERGENCY PHONE #: 1-800-424-9300 (CHEMTREC)

I. IDENTIFICATION

Chemical Name And

Synonyms: Diethylaminoethanol, hydroxy triethylamine, DEAE, DEEA, epoxy catalyst S-2.

DOT Shipping Name

Not applicable

Chemical

Family: Alkyl Alkanol Amine.

DOT Hazard Class & I.D. Number

Not applicable

PG

II. HAZARDOUS INGREDIENTS

Component	CAS NO.	%	TLV	PEL	Toxic	Hazard
Diethylaminoethanol	100-37-8	15	10 ppm	Unknown	NA	Corrosive to skin and eyes. Absorbed through skin.

**Toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR §372).

NA: Not applicable

III. PHYSICAL DATA

Boiling Point: Above 230° F.
Specific Gravity: 0.995
Appearance: Clear, light yellow.

Form: Liquid.
Solubility In Water: Complete.
Odor: Amine.

pH, 1% 11.8

IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: >200°F

Extinguishing Media: Water spray, water fog, carbon dioxide (CO₂), dry chemical, alcohol foam, foam.

Special Fire

Fighting Procedures: Although this product is not combustible, if a fire occurs in the near vicinity, good fire-fighting practice dictates the use of self-contained breathing apparatus and other protective gear.

Unusual Fire And

Explosion Hazards: If the container breaks, the solution should be handled with care as it is corrosive.

V. HEALTH HAZARD DATA

Carcinogenic: The raw materials used in this product are *not* considered to be a carcinogen by ACGIH and OSHA.
Effects Of

Over-exposure: May cause skin and eye burns. Breathing vapors and absorption through the skin may cause systemic illness such as nausea, vomiting, and/or headache.

Emergency And First

Aid Procedures: EYES: Immediately flush with water for 15 minutes, raising eyelids for complete rinsing. GET IMMEDIATE MEDICAL ATTENTION.

SKIN: Wash thoroughly with soap and water. GET MEDICAL ATTENTION if irritation persists. Wash all contaminated clothing before reuse. Destroy contaminated shoes.

INHALATION: Remove victim to fresh air, apply artificial respiration if necessary; OBTAIN MEDICAL ASSISTANCE.

INGESTION: Rinse mouth with water. Give large quantities of water to dilute. Do NOT induce vomiting. Get immediate medical attention. Never give anything by mouth to a semi-comatose, comatose, convulsing or unconscious person.

VI. REACTIVITY DATA

Stability - Unstable: ☐ Stable: ☒

Conditions To Avoid: Not applicable

Incompatibility: Strong oxidizers, strong acids. Mixing with nitrites will form nitrosamines which are considered to be powerful cancer causing agents.

Hazardous

Decomposition Products: Thermal decomposition may produce nitrogen oxides, carbon monoxide and/or carbon dioxide. Mixture with Nitrites will form nitrosamines which are dangerous cancer causing agents.

VII. SPILL OR LEAK PROCEDURES

Steps To Be Taken In
Case Material Is

Released Or Spilled: Eliminate all ignition sources. Contain spill, ventilate area, avoid breathing vapor. Avoid personal contact. Remove with inert absorbent materials. Use non-sparking tools.

Waste Disposal Method: Dispose in approved chemical disposal area or in a manner which complies with all local, state and federal regulations.

VIII. SPECIAL PROTECTION INFORMATION

Respiratory

Protection: Not applicable.

Ventilation: Adequate mechanical.

Protective Gloves: Synthetic rubber or other non-permeable gloves.

Eye Protection: Safety goggles, face shield.

Protective Clothing: Face mask, eye bath, safety shower, protective apron.

IX. SPECIAL PRECAUTIONS

Precautions To Be Taken

On Handling And Storing: Keep away from heat, sparks, flames. Avoid any contact with skin or eyes. Wash thoroughly after handling. Keep container closed when not in use.

Other Precautions: Absorption through skin may be harmful.

X. REVISED INFORMATION

MSDS Status: Updated first aid information, Ingestion.

Revised: 8/2/2000 LMT

Supersedes: 8/30/1996

The opinions expressed herein are those of qualified experts within ANDERSON Chemical Company. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of ANDERSON Chemical Company, it is the user's obligation to determine the conditions of safe use of the product.