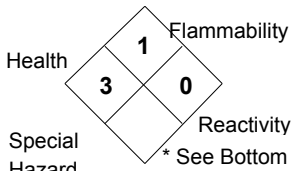
MATERIAL SAFETY DATA SHEET

Manufactured by:

Anderson Chemical Company
325 SOUTH DAVIS AVENUE
LITCHFIELD, MINNESOTA 55355
(320) 693-2477

Health	3
Flammability	1
Reactivity	0
Personal Protection	X

HMIS Rating System*



NFPA Hazard Rating*

Product Name: SL-3644

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

Revised: 8/6/2009 lmt
Supersedes: 7/16/2009

I. IDENTIFICATION

Chemical Name And Synonyms:
Not Applicable - Mixture.

Chemical Family:
Amine.

DOT Shipping Name
Corrosive liquid, basic, organic, N.O.S.
(Cyclohexylamine, Diethylaminoethanol)

DOT Hazard Class & I.D. Number	#	PG
Corrosive Material UN3267	8	III

II. HAZARDOUS INGREDIENTS

Component	CAS NO.	%	TLV	PEL	Toxic	Hazard
Diethylaminoethanol	100-37-8	15	10 ppm	2 ppm	NA	Corrosive, flammable.
Cyclohexylamine	108-91-8	10	10 ppm	10 ppm	NA	Corrosive, flammable

**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
NE: Not established

III. PHYSICAL DATA

Boiling Point: Not determined
Specific Gravity: 0.9676
Appearance: Clear, amber color.
Form: Liquid
Solubility In Water: Complete
Odor: Amine
pH, Neat: 11.8

IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: 140°F - 160°F

Extinguishing Media: Carbon dioxide, dry chemical, foam.

Special Fire Fighting Procedures: If a fire occurs in the near vicinity, good firefighting practice dictates the use of self-contained breathing apparatus and other protective gear.

Unusual Fire And Explosion Hazards: This product can form explosive mixtures wit air. High concentrations of vapor can travel distances to ignition source and flash back. Vapors may collect in low areas. At elevated temperatures, containers may rupture due to pressure buildup. May generate toxic vapors.

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: Contact with the eyes or skin may cause severe irritation with possible burns. May cause permanent eye damage. Toxic in contact with skin. Odor may cause nausea, vomiting, headache, and dizziness. Vapors are severely irritating to the eyes, nose and respiratory tract and may produce blurring of vision, eye injury, skin rashes, coughing, shortness of breath and breathing difficulties. Ingestion may cause severe irritation and injury to the mouth, throat, and digestive tract. Ingestion may be fatal.

Emergency And First Aid Procedures: **Eyes**: Flush immediately with water for 15 minutes. Lift upper and lower eyelids for complete rinsing. Get immediate medical attention.

Skin: Flush with water for 15 minutes. Get medical attention. Remove contaminated clothing and wash before reuse.

Ingestion: Rinse mouth with water. Give 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.

Inhalation: Remove victim from immediate source of exposure to fresh air. If breathing is difficult, administer oxygen if available. If victim is not breathing, administer CPR. If individual experiences nausea, headache, or dizziness, get immediate medical attention.

* NFPA/HMIS Degree or Hazard: 4 = Extreme; 3 = High; 2 = Moderate; 1 = Slight; 0 = Insignificant.

Continued On Back

HMIS A. Safety Glasses B. Safety Glasses, Gloves C. Safety Glasses, Gloves, Apron D. Face Shield, Gloves, Apron E. Safety Glasses, Gloves, Dust Respirator F. Safety Glasses, Gloves, Apron, Dust Respirator G. Safety Glasses, Gloves, Vapor Respirator H. Splash Goggles, Gloves, Apron, Vapor Respirator I. Safety Glasses, Gloves, Vapor and Dust Respirator J. Splash Goggles, Gloves, Apron, Vapor and Dust Respirator K. Air Line, Hood or Mask, Gloves, Full Suit, Boots X. Ask your supervisor for guidance.

VI. REACTIVITY DATA

Stability - Unstable: **Stable: x**

Conditions To Avoid: Avoid heat, sparks, open flames and other sources of ignition.

Incompatibility: (Materials to Avoid) Strong oxidizers, strong acids and halogens.

Hazardous Decomposition Products: Thermal decomposition may produce nitrogen oxides, carbon monoxide, and/or dioxide, ammonia vapors. 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:

Evacuate nonessential personnel. Eliminate sources of ignition. Wear appropriate personal protection equipment. Stop leak if safe to do so. Ventilate area, avoid breathing vapor. Use non-sparking tools. Completely contain spilled material with dikes or sandbags, etc., and prevent run-off into ground or surface waters or sewers. Recover as much material as possible on inert material for disposal.

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: If exposure limits are exceeded, wear NIOSH approved respirator for conditions of exposure.

Ventilation: Provide adequate local or general exhaust ventilation to maintain exposure levels below the occupational exposure limits.

Protective Gloves: Butyl rubber, nitrile rubber or polyvinyl gloves.

Eye Protection: Safety goggles, face shield if use conditions warrant.

Protective Clothing: Impervious apron, boots, and other clothing are recommended if needed to prevent contact.

IX. SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing:

Protect containers from physical damage. Store in a cool, dry, well-ventilated area away from heat and other sources of ignition. Keep product and vapors away from heat, direct sunlight, flames, sparks and all other sources of ignition. Prevent contact with the eyes, skin and clothing. Do not breathe vapors or mists. Wash thoroughly after handling. Use only with adequate ventilation. Keep containers tightly closed. Empty containers retain product residues and may be hazardous.

Other Precautions: Absorption through skin may be harmful. Eye wash stations and safety showers should be provided in work area.

X. REVISED INFORMATION

MSDS Status: Corrected UN number