



Product Information: 203-723-1437 Emergency Assistance: P-ChEM 1-800-424-5571

SAFETY DATA SHEET

Ambex 16

1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

Product Identifier: Cleaning Compound

Supplier Details: Ambion Corporation
37 Naugatuck Drive
Naugatuck, CT 06770
Tel: 203-723-1437
Fax: 203-723-0101

Emergency Contact P-ChEM: 1-800-424-5571

2. HAZARDS IDENTIFICATION

Warning!!



Hazard Statement(s)

H302 Harmful if swallowed
H315 Causes skin irritation
H319 Causes serious eye irritation
H351 Suspected of causing cancer
H373 May cause damage to organs through prolonged or repeated exposure

Precautionary Statement(s)

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood
P233 Keep container tightly closed
P260 Do not breathe dust/fume/gas/mist/vapors/spray
P262 Do not get in eyes, on skin or on clothing
P264 Wash...thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection
P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor /physician.
P303+352 IF ON SKIN: Wash with plenty of water.
P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P306+360 IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothing.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P332+313 If skin irritation occurs: Get medical advice/attention.
P337+313 If eye irritation persists: Get medical advice/attention.
P361 Remove/Take off immediately all contaminated clothing.
P363 Wash contaminated clothing before reuse.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Material	CAS #	EINECS#	WT%
Diethanolamine	111-42-2	203-868-0	5

4. FIRST AID MEASURES

Ingestion (Swallowing): DO NOT INDUCE VOMITING. Drink water as a precaution. Never give anything by mouth to an unconscious person. Call a physician immediately.

Inhalation (Breathing): Remove patient to fresh air. If breathing has stopped, give mouth to mouth resuscitation, then oxygen if needed. Get immediate medical attention.

Skin Contact: Remove contaminated clothing. Wash off in flowing water or shower for at least 20 minutes. If irritation persists, seek medical attention.

Eye Contact: Wash eyes with plenty of water for at least 20 minutes, lifting upper and lower eyelids for occasionally. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, get medical attention.

5. FIRE-FIGHTING MEASURES

Suitable (and Unsuitable) Extinguishing Media: Water, dry chemical, CO2 , BC/ABD Extinguishers.

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards: On combustion forms oxides or carbon, nitrogen and sulfur.

NFPA	Health	Flammability	Instability	Physical Hazards
	2	0	0	N/A

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:
Do not inhale vapors. Ensure adequate ventilation. Take steps to prevent eye or skin contact or inhalation.

Environmental precautions:
Contain spill if possible and safe to do so. Prevent product from entering drains.

Methods and materials for containment and cleaning up:
To clean up spill, scrape up or use absorbent material. Wash contaminated area with water. All clean up and disposal should be carried out in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling:
Do not get on skin or in eyes. Handle with reasonable care. Avoid breathing mists.

Conditions for safe storage, including any incompatibilities:
Keep in a tightly closed container. Store in a cool, dry, ventilated area. Protect against physical damage. Containers of this material may be hazardous when empty since they retain product residues.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Limits:**

Material	CAS #	EINECS#	TWA (OSHA)	TWA (ACGIH)
Diethanolamine	111-42-2	203-868-0	3.0 ppm	.46 ppm

Appropriate engineering controls:

General room or local exhaust ventilations is usually required to meet exposure limits.

Individual protection measures, such as personal protective equipment:

Respiratory protection: Atmospheric levels should be maintained at reasonable levels. In confined spaces or when using spray application in poorly ventilated areas, respiratory protection should be used. When respiratory protection is required for certain operations, use an approved air-purifying respirator. For emergency and other conditions where exposure may be very high, use an approved positive pressure self-contained breathing apparatus.

Eye Protection: In situations where splashing may occur use goggles.

Hand protection: Gloves

Skin and body protection: For brief contact, no precautions other than clean body-covering clothing should be needed. When long or frequently repeated contact could occur, use protective clothing impervious to this material. Selection of specific items such as gloves, boots, apron, or full body suit will depend on the operation.

Work and Hygienic Practices: Keep containers covered. Avoid breathing vapors, mists and sprays. Avoid skin contact. A source of clean water should be available in the work area for flushing eyes and skin. Wash hands after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point :	214°F (101°C)
Vapor Pressure (mm. Hg) :	14
Vapor Density (Air=1):	0.6
Solubility in Water:	100%
Specific Gravity (Water=1) :	1.04
Melting Point :	20°F (-7°C)
Evaporation Rate (n-BuOH=1) :	0.8
Appearance:	Clear, oily, amber syrup
Odor:	Very mild odor

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: N/A

Incompatibility (Materials to Avoid): Avoid oxidizing agents.

Hazardous Decomposition or Byproducts: N/A

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Routes of Exposure:

Eye, skin, inhalation, and ingestion.

Acute Toxicity:

No ingredients listed as health hazards.

Symptoms: Skin and eye irritation.

Short Term exposure: Causes irritation to the eyes.

Long Term exposure: The effects of long-term, low level exposure have not been determined.

Carcinogenicity: None known.

12. ECOLOGICAL INFORMATION

None available

13. DISPOSAL CONSIDERATION

Product should be disposed of by federally approved hazardous waste disposal facility.

14. TRANSPORT INFORMATION

UN number	NA3082
UN proper shipping name	Other regulated substances, liquid N.O.S. (Diethanolamine)
Transport Hazard Class	9
Packing Group	III

15. REGULATORY INFORMATION

Not available

16. OTHER INFORMATION

Date Prepared: July 22, 2015
