

# MATERIAL SAFETY DATA SHEET

OSHA-MEETS 29 CFR 1910.1200 STANDARDS

HMIS HAZARD RATINGS



HEALTH	1	0 = INSIGNIFICANT	3 = HIGH
FLAMMABILITY	0	1 = SLIGHT	4 = EXTREME
REACTIVITY	0	2 = MODERATE	

**TRANSPORTATION INFORMATION**

PROPER SHIPPING NAME : Not regulated  
 HAZARD CLASS / PKG GRP : None / None    REF:    Not applicable  
 IDENTIFICATION NUMBER : None                      LABEL:    NONE REQUIRED

## SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)  
**PRACTI COOL**

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MANUFACTURER'S NAME  
 Practical Systems, Inc.

EMERGENCY TELEPHONE NUMBER  
 (727) 376-7900

ADDRESS (NUMBER, STREET, P.O. BOX)  
 11617 Prospect Road  
 (CITY, STATE AND ZIP CODE)  
 Odessa, Florida 33556

TELEPHONE NUMBER FOR INFORMATION  
 (727) 376-7900

DATE PREPARED: May 11, 1997  
 SUPERCEDES: September 22, 1996

## SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	CAS#	% (OPTIONAL)	ACGIH TWA PPM	ACGIH STEL MG/M <sup>3</sup>	SARA TITLE III	RQ LBS
Diethanolamine (a)	111-42-2	10-15	3	15	YES	
Proprietary Ingredient (b)		1-5	3			

- (a) A "YES" in the SARA TITLE III column indicates a toxic chemical subject to annual reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.  
 (b) The specific product is not identified due to "Trade Secret" status. In emergency situations further information may be obtained by the on-duty physician calling the emergency information number listed above. Reference 29 CFR 1910.1200 and / or 40 CFR 350.

## SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE

EMERGENCY AND FIRST AID PROCEDURES

<p><b>INHALATION:</b> None expected, however certain individuals may be sensitized and experience minor nausea or headaches.</p>	<p>Remove victim to fresh air, if symptoms persist, seek medical attention.</p>
<p><b>SKIN:</b> None expected, however, prolonged contact may cause irritation.</p>	<p>Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.</p>
<p><b>EYES:</b> This product is an eye irritant. Contact with the eyes will cause irritation.</p>	<p>Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.</p>
<p><b>INGESTION:</b> May cause gastric distress, vomiting and diarrhea.</p>	<p>Give two glasses of water for dilution; DO NOT induce vomiting; seek medical attention; never give anything by mouth to an unconscious person.</p>

HEALTH HAZARDS (ACUTE AND CHRONIC): Acute effects are possible irritation and discomfort; no known chronic effects have been established.

CARCINOGENICITY:                      NTP? No                      IARC MONOGRAPHS? No                      OSHA REGULATED? No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.

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*PRACTI COOL*

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**SECTION 4 - FIRE FIGHTING MEASURES**

FLASH POINT (METHOD USED)  
Non-flammable

FLAMMABLE LIMITS LEL: UEL:  
Not applicable Not applicable

EXTINGUISHING MEDIA  
CO<sub>2</sub>; water; water fog; dry chemical; chemical foam

SPECIAL FIRE FIGHTING PROCEDURES  
Keep containers cool with water spray to prevent container rupture due to steam buildup.

UNUSUAL FIRE AND EXPLOSION HAZARDS  
None

**SECTION 5 - ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain and absorb into approved absorbant; place material into approved containers for disposal; refer to SARA Title III, Section 313, 40 CFR 372 for complete regulations concerning reporting requirements.

**SECTION 6 - HANDLING AND STORAGE**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. Keep this and other chemicals out of reach of children; minimize body contact with this product as well as all chemicals in general.

**SECTION 7 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

RESPIRATORY PROTECTION (SPECIFY TYPE): None required while threshold limits (Section II) are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn.

VENTILATION LOCAL EXHAUST: Required  
MECHANICAL (GENERAL): Yes

SPECIAL: To maintain minimum TWA and STEL levels.  
OTHER: Engineering and work controls as required.

PROTECTIVE GLOVES: Neoprene or rubber  
EYE PROTECTION: Goggles with side shields

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyebath nearby

WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

**SECTION 8 - PHYSICAL / CHEMICAL PROPERTIES**

BOILING POINT  
212 ° F

SPECIFIC GRAVITY (WATER = 1)  
1.050

VAPOR PRESSURE (MM HG)  
Not determined

pH  
9.0 - 9.5

VAPOR DENSITY (AIR = 1)  
Not determined

EVAPORATION RATE (n-BUTYL ACETATE = 1)  
< 1

SOLUBILITY IN WATER  
Complete

% VOLATILE (BY WT)  
60 %

APPEARANCE AND ODOR  
Amber liquid, pleasant odor

**SECTION 9 - STABILITY AND REACTIVITY**

STABILITY UNSTABLE: STABLE: XXX

CONDITIONS TO AVOID:  
Extreme temperatures

INCOMPATIBILITY (MATERIALS TO AVOID):  
Strong oxidizers, strong acids

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:  
Thermal decomposition may yield CO; CO<sub>2</sub>

HAZARDOUS POLYMERIZATION  
MAY OCCUR: WILL NOT OCCUR: XXX

CONDITIONS TO AVOID:  
None

**SECTION 10 - DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations. Products classified as non-hazardous may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals.

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

MSDS PREPARED BY: CDB Inc., P.O. Box 5604, Lakeland, FL 33807 (941) 644-3298

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