

**MATERIAL SAFETY DATA SHEET**

SECTION I	IDENTIFICATION
DISTRIBUTOR:	ENERGY MIZER 295 EDWARDIA DR. GREENSBORO, NC 27409
APRIL 7, 2004	
EMERGENCY PHONE NUMBER: 336-852-4650	
PRODUCT NAME: ACID FREE BATHROOM CLENAER 434	
CHEMICAL FAMILY: WATER BASED CLEANER DISINFECTANT	

SECTION II	PHYSICAL DATA
BOILING POINT: 212 DEG. F	SOLUBILITY IN WATER: SOLUBLE
VAPOR PRESSURE: UNDETERMIND	ODOR: PLEASANT ODOR
VAPOR DENSITY: UNDETERMIND	APPERANCE: BLUE COLOR LIQUID
% VOLATILE: 85.0	EVAPORATION RATE: (WATER = 1): 1
pH OF PRODUCT: 12.5-13.5	SPECIFIC GRAVITY: 1.066

SECTION III	CHEMICAL COMPONENTS		
COMPONENT / C.A.S. #	HAZARD	FRONT - TO%	T.L.V
(1) NONYL PHENOL EHOXYLATE 26027-38-3	IRRITANT	2 - ?	N/A
(2) DIMETHYL BENZYL AMMONIUM CHLORIDE 68391-01-5	CORROSIVE	.05 - 1	N/E
(3) DIMETHYL ETHYLBENXYL AMMONIUM CHLORIDE 68956-79-6	CORROSIVE	.05 - 1	N/E
(4) SODUM SALT EDTA 64-02-6	CORRISIVE	.05 - 1	N/E
(5) SODUM METASILICATE 6834-92-0	CORRISIVE	1 - 2	N/E

**S.A.R.A. TITLE III REPROTABLE**

SECTION IV	FIRE AND EXPLOSION DATA
FLASH POINT: (F) 212°F	
FLAMMABLE LIMITS: UPPER: NA LOWER: NA	
EXTINGUISHIHG MEDIA: DRY CHEMICAL, FOAM OR WATER FOG, CARBON DIXIDE	
SPECIAL FIRE FIGHTING PROCEDURES: <b>DO NOT SPRAY</b> A SOLID STREAM OF FOAM DIRECTLY INTO HOT BOILING LIQUID. USE BREATHING APPARATUS AND PROTCTIVE CLOTHING.	
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE KNOWN	

SECTION V	HEALTH HAZARDS
THRESHOLD LIMIT VALUE:	NO ACGIH, TLV PUBLISHED <b>PEL:</b> NO OSHA PEL PUBLISHED
<b>EYES:</b>	<b>BRIEF CONTACT WITH THE LIQUID OR MIST WILL IRRITATE THE EYES AND PROLONGED CONTACT MAY MAY CAUSE EYE BURN</b>
<b>SKIN:</b>	<b>MILD IRRITATION MAY OCCUR WITH PROLONGED CONTACT WITH THE PRODUCT IN A CONCENTRATED FORM</b>
<b>INHALATION:</b>	<b>VAPORS MAY BE CORROSIVE TO THE NOSE, THROAT, AND MUCOUS MEMBRANES</b>
<b>INGESTION:</b>	<b>CAN CAUSE VOMITING, AND DIARRHEA.</b>

\*\*\*\*\* FIRST AID \*\*\*\*\*

**SKIN:** EXPOSED SKIN SHOULD BE THOROUGHLY RINSED WITH FRESH WATER. **CONSULT A PHYSICIAN**

**EYES:** FLUSH WITH LARGE AMOUNTS OF FRESH WATER, INSURING THAT UPPER AND LOWER LIDS ARE RINSED WELL CALL A PHYSICAIN, PREFERFERABLY AN OPHTHAMOLOGIST.

**INGESTION:** **DO NOT INDUCE VOMITING.** RINSE MOUTH AND DILUTE STOMACH CONTENTS WITH WATER, OR PREFERABLY WITH MILK IF AVAILABLE. *SEEK MEDICAL ATTENTION.*

**INHALATION:** IF AFFECTED, REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST.

**SECTION VI REACTIVITY DATA**

**STABILITY:** STABLE  
**CONDITONS TO AVOID:** NONE  
**INCOMPATIBILITY:** AVOID STRONG BASES AT HIGH TEMPERATURES, STRONG ACIDS, AND STRONG OXIDIZING AGENTS  
**HAZARDOUS DECOMPOSITION PRODUCTS:** BURNING CAN PRODUCE CARBON MONOXIDE AND/OR CARBON DIAOXIDE.  
**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR.  
**CONDITIONS TO AVOID:** NONE

**SECTION VII SPILL AND LEAK**

STOP FLOW       AVOID SKIN CONTACT       OBSERVE FEDERAL SPILL  
& WATER QUALITY REGULATIONS

**SECTION VIII SPECIAL PROTECTION INFROMATION**

**RESPIRATORY PROTECTION:** 1, 1 USUALLY NONE. 2- PARTICLE REMOVING AIR PURIFYING RESPIRATOR (mechanical filter) 3- GAS AND VAPOR REMOVING AIRE PURIFYING RESPIRATOR (canister)  
**SKIN:** GLOVES- USE *CHEMICAL RESISTANT* OR *NEOPRENE* TYPE.  
**EYES:** GOGGLES OR SAFETY GLASSES WITH SIDE SHIELD.  
**VENTILATION:**  GENERAL VENTILATION     LOCAL EXHAUST

**OTHER PROTECTION:** A PROTECTIVE SPLASH APRON MAY BE USED TO PROTECT CLOTHING. EYE WASH AND SAFETY SHOWER'S ARE RECOMMENDED IN USE AREA.

**SECTION IX SPECIAL PRECAUTIONS**

NO SPECIAL PRECAUTIONS BEYOND ROUTINE PRUDENT DAFE HANDLING OF CHEMICAL SUBSTANCES ARE NECESSARY.

**SECTION X REGULATORY INFORMATION**

**PROPER SHIPPING NAME:** DISINFECTANT LIQUID, N.O.S. CONTAINS QUATERNARY  
**HAZARD CLASS:** / \* CORROSIVE / 0PACKING GROUP: III  
**UN/NA:** UNI903 REPORTABLE QTY.....  
**S.A.R.A:** SEE SECTION III  
**T.S.C.A:** ALL CHEMICALS ARE LISTED ON THE TSCA INVENTORY.  
**O.S.H.A. HAZARD CLASS:** HEALTH 1 REACTIVITY: 1  
FLAMMABILITY: 0PERSONAL PROTECTION: A

**SECTION XI MISCELANEOUS**

DATE OF LAST REVISION: 04/19/04, COMPANY CONTACT: JERRY SHAPIRO (II )  
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