

MATERIAL SAFETY DATA SHEET
ISSUE DATE: 02/13/04

I. IDENTIFICATION:

MANUFACTUREREnergy Mizer
295 Edwardia Dr.
Greensboro, NC 27409
EMERGENCY PHONE NUMBER.... Chemtrec 1-800-424-9300 (day/night)
PRODUCT NAME SANITIZER 440
CHEMICAL FAMILYBactericide Blend

II. PHYSICAL DATA

BOILING POINT 212°F SOLUBILITY (WATER) Soluble
VAPOR PRESSURE Undetermined ODOR.....Chemical Odor
VAPOR DENSITY Undetermined APPEARANCE Red Clear Liquid
VOLATILES..... 90.0 EVAPORATION RATE..... (water=1) 1
pH of PRODUCT..... 7.0-8.0 SPECIFIC GRAVITY 0.994

III. CHEMICAL COMPONENTS

COMPONENT / C.A.S. #	HAZARD	from %	-	to %	T.L.V
(1) Dimethyl Benzyl Ammonium Chloride 68391-01-5	Corrosive	2	-	7	N/A
(2) Dimethyl Ethylbenzyl Ammonium Chloride		2	-	7	

IV. FIRE AND EXPLOSION DATA

FLASH POINT (F) Above 200°F
FLAMMABLE LIMITS: (upper) N/A (lower)
EXTINGUISHING MEDIA Dry chemical, carbon dioxide, or water fog.
SPECIAL FIRE-FIGHTING PROCEDURES Self-contained positive pressure breathing apparatus; and protective clothing should be worn.
UNUSUAL FIRE AND EXPLOSION HAZARDS.. None

V. HEALTH HAZARD DATA

TLV NO ACGIH TLV PUBLISHED PEL NO OSHA PEL PUBLISHED
EYES Brief contact with the liquid or mist will irritate the eyes and prolonged contact may cause burning.
SKIN Irritation and burning may occur with prolonged contact with the product in a concentrated form.
INHALATION: Vapors may irritate the nose, throat and mucous membranes. Long exposure may cause drowsiness.
INGESTION: May cause burning pain in mouth and throat. nausea and perhaps diarrhea. Swallowing large quantities causes headache,
EFFECTS OF OVEREXPOSURE ... See above.

VI. REACTIVITY DATA

STABILITY STABLE
CONDITIONS TO AVOID None
INCOMPATIBILITY..... Strong oxidizing agents and reducing agent.
HAZARDOUS DECOMPOSITION PRODUCTS:...Nitrous oxides and ammoniacal vapors, carbon monoxide and carbon dioxide.

WASTE DISPOSAL METHOD

After spill is contained, and the excess is absorbed onto an absorbent medium, dispose of it in accordance with applicable local, state and federal regulations.

VII. SPILL OR LEAK PROCEDURES

VOID SKIN CONTACT

<input checked="" type="checkbox"/>	BURY IN REMOT AREA	<input checked="" type="checkbox"/>	ELIMINATE ALL SOURCES	<input type="checkbox"/>	OBSERVE FEDERAL
<input type="checkbox"/>	NEUTRALIZE	<input checked="" type="checkbox"/>	OF IGNITION OR FLAME	<input type="checkbox"/>	SPILL & WATER
<input checked="" type="checkbox"/>	ABSORB OR SCRAPE	<input checked="" type="checkbox"/>	WASH AWAY WITH WATER	<input type="checkbox"/>	QUALITY REGULATIONS
	UP MATERIAL	<input type="checkbox"/>	VACUM UP	<input type="checkbox"/>	USE AS LANDFILL
<input checked="" type="checkbox"/>	AVOID INHALATION				

IX. SPECIAL PRECAUTION

No special precautions beyond routine prudent safe handling of chemical substances are necessary. Keep container closed. Use adequate ventilation. Wash thoroughly after handling.

X. REGULATORY INFORMATION

DOT SHIPPING NAME NOT REGULATED BY DOT: DISINFECTANT LIQUID N.O.S QUATERNARY
HAZARD CLASS / #..... / # NONE PACKING GROUP: UN/NAUN1903
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 0
FLAMMABILITY 0 PERSONAL PROTECTION A

XI. MISCELLANEOUS

DATE OF LAST REVISION: 10/16/03 COMPANY CONTACT: Joseph E. Mason / Babu C. Patel
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