

MATERIAL SAFETY DATA SHEET

(Prepared according to 29 CFR 1910.1200)

Date Prepared: 1-28-02

HAZARD RATING	Fire 2
4-EXTREME	Health 2 0 Reactivity
3-HIGH	COR
2-MODERATE	Special
1-SLIGHT	

SECTION 1 - PRODUCT IDENTIFICATION

Company Name ENERGY MIZER	Emergency Telephone No. 1-800-627-5634
Address 295 EDWARDIA DR. GREENSBORO, NC 27409	Information Telephone No. 336-294-1601
Product Name / ID# Pro Spotter 1	Product Type Laundry Spotter <input checked="" type="checkbox"/> Proprietary Product

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/Common Name	Cas No.	Percent (optional)	TLV (Source)
Potassium Hydroxide	1310-58-3	< 5%	C 2 mg/m3 (ACGIH)
*2 - Butoxyethanol	111-76-2	< 10%	25 ppm (skin) (ACGIH)
Isopropyl Alcohol	67-63-0	< 5%	400 ppm (ACGIH)
Monoethanolamine	141-43-5	<5%	3 ppm (ACGIH)
Ammonia	7664-41-7	<1%	25ppm(ACGIH)

Substances Contains no substances - subject to the reporting requirements of SARA 313 and 40 CFR Part 372.

SECTION 3 - PHYSICAL DATA

Boiling Point (°F) approx. 212°F	Specific Gravity (H ₂ O=1.0)	pH 13.5 ± 0.5	% VOC (ww) 10.6%
Solubility In Water <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable or (Dispersible) <input type="checkbox"/> Slight (or Partial)			
Evaporation Rate (vs. H ₂ O) <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input type="checkbox"/> About the Same	Vapor Pressure NE	Vapor Density NE	
Appearance and Odor Clear, light yellow liquid with slight ammonia odor.			

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.) 115°F	<input type="checkbox"/> None to boiling	Flammable Limits	Upper NE	Lower NE
Extinguishing Media Water, Carbon Dioxide, Dry chemical or foam.				
Special Fire Fighting Procedures	NA			
Unusual Fire Explosion Hazards	NA			

SECTION 5 - REACTIVE DATA

Stability Stable	Incompatibility Acids, oxidizers.
Hazardous Decomposition Products May produce oxides of carbon and nitrogen on burning.	

SECTION 6 - HEALTH HAZARDS

Threshold Limit Value Product <input checked="" type="checkbox"/> None Established <input checked="" type="checkbox"/> Not Applicable	Primary routes of Exposure <input checked="" type="checkbox"/> Eyes <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation
See Section 2 for Ingredients TLV	
Signs Symptoms of Over-exposure (Acute) Causes burns to skin & eyes. May be harmful if swallowed. Excessive inhalation may cause Headache or dizziness. Possibility of harmful absorption through skin.	
Signs Symptoms of Over-exposure (Chronic) Unknown	
Medical Conditions Aggravated by Over-exposure May aggravate an existing dermatitis.	
Carcinogen/Suspected Carcinogen Ingredients: <input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> None	

SECTION 7 - FIRST AID PROCEDURES - (If any Condition persists - Consult a physician.)

Eyes Flush with water for 15 minutes. Consult physician if condition does not readily improve.
Skin Remove any contaminated clothing and wash before reuse. Wash with water for 10-15 minutes.
Ingestion Do NOT induce vomiting. Drink plenty of water. Consult physician.
Inhalation Remove to fresh air. If qualified give oxygen or artificial respiration as needed and/or seek medical help.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection None normally required if general good ventilation is maintained. Use organic vapors respirator under high vapor conditions.	
Ventilation requirements <input checked="" type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical AS needed to keep below any listed TLV's or for general good ventilation.	
Protective Gloves Rubber gloves	Eye Protection Safety glasses
Other Protective Clothing Chemical apron recommended when handling larger volumes or when splashing is anticipated.	

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled Contain spill. Neutralize with mild acid and collect in appropriate container for disposal.
Flush residue with large quantity of water.
Waste Disposal Methods Probable that small, diluted neutralized solutions may flush to sanitary sewer. Check all government regulations.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in handling and Storage	Store away from acid and sources of ignition. Keep out of reach of children.
Wash thoroughly after handling.	