

HAZARD RATING

4-EXTREME 3-HIGH FIRE: 0

MATERIAL SAFETY DATA SHEET

REACTIVITY: 0

DATE: 3/26/07

2-MODRATE 1-SLIGHT

HEALTH: 2 COR: SPECIAL

0- INSGNIFICANT

SECTION 1 - PRODUCT IDENTIFICATION			
Company Name	Energy Mizer	Emergency Telephone No.	800-535-5053
Address	4100 W. 76th Street, Chicago, IL 60652	Information Telephone No.	773-284-6565
Product Name / ID#	Koil Kleen (3226)	Product Type	Coil Cleaner X Proprietary Product
SECTION 2 - HAZARDOUS INGREDIENTS			
Chemical Name/Common Name	Cas No.	Percent (optional)	TLV (Source)
*Phosphoric Acid	7664-38-2	< 10%	1 mg/m3
X* Substances <input type="checkbox"/> Contains no substances - subject to the reporting requirements of SARA 313 and 40 CFR Part 372.			
SECTION 3 - PHYSICAL DATA			
Boiling Point (°F)	> 212°F	Specific Gravity (H2O=1.0)	1.032 ± 0.005
		pH	< 1.0
		% VOC (ww)	0.1%
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. H2O)	<input type="checkbox"/> Faster <input type="checkbox"/> Slower	<input checked="" type="checkbox"/> About the Same	Vapor Pressure NA Vapor Density NA
Appearance and Odor Clear blue liquid. Cherry odor.			
SECTION 4- FIRE AND EXPLOSION HAZARD DATA			
Flash Point (T.C.C.)	<input checked="" type="checkbox"/> None to boiling	Flammable Limits	Upper NA Lower NA
Extinguishing Media Water, foam or dry chemicals.			
Special Fire Fighting Procedures Wear self contained breathing apparatus and full protective clothing.			
Unusual Fire Explosion Hazards Non-flammable but reacts with common metals forming hydrogen gas, which may cause fire or explosion.			
SECTION 5- REACTIVE DATA			
Stability	Stable	Incompatibility	Metals and oxidizing agent.
Hazardous Decomposition Products Hydrogen gas; oxides of carbon.			
SECTION 6 - HEALTH HAZARDS			
Threshold Limit Value Product		Primary routes of Exposure	
See section 2 or ingredients TLV X : None Established X: Not Applicable		X Eyes X Skin X Oral X Inhalation	
Signs Symptoms of Over-exposure (Acute) May cause irritation or burns to eyes or skin. Severe internal irritation and damage can occur			
If ingested. Mist inhalation may irritate respiratory tract.			
Signs Symptoms of Over-exposure (Chronic) Unknown			
Medical Conditions Aggravated by Over-exposure Unknown			
Carcinogen/Suspected Carcinogen Ingredients: <input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA X None			
SECTION 7 - FIRST AID PROCEDURES - (If any Condition persists - Consult a physician.			
Eyes	Flush with water for at least 15 minutes. Consult a physician.		
Skin	Wash with soap and water for at least 15 minutes. Remove any contaminated clothing and wash before reuse.		
Ingestion	Drink large amounts of water. Do NOT induce vomiting. Get medical attention.		
Inhalation	Remove to fresh air. Give oxygen or artificial respiration as necessary.		
SECTION 8 - SPECIAL PROTECTION INFORMATION			
Respiratory Protection	None normally required.		
Ventilation requirements	<input checked="" type="checkbox"/> Local Exhaust	<input checked="" type="checkbox"/> Mechanical	As needed to keep below any listed TLV or for general good ventilation.
Protective Gloves	Rubber gloves	Eye Protection	Chemical splash goggles.
Other Protective Clothing	Wear clothing designed to reduce skin contact.		
SECTION 9 - SPILL OR LEAK PROCEDURES			
Steps to be Taken if Released or Spilled	Contain spill. Neutralize with weak base solution. Flush area with plenty of water.		
Waste Disposal Methods Check all government regulations. Probable to flush dilute-neutralized material to sanitary sewer system.			
SECTION 10 - STORAGE AND HANDLING INFORMATION			
Precautions to be Taken in handling and Storage	Store so as to be inaccessible to children.		