

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: System 21

CLEANER / DEGREASER

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SECTION 1 - GENERAL INFORMATION

Manufacturer / Supplier Name:

Energy Mizer Corporation
295 Edwardia Dr.
Greensboro, NC 27409

Emergency: 336-852-4650
Phone: 1-800-627-5634

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SECTION II - COMPONENT INFORMATION

Chemical Name	CAS REG. No.	PERCENT	TLV (Source)
Sillico Acid Sodium Salt	1341-09-8	< 5%	2.0 mg. /M3
Alkali Meinl Salt of EDTA	64-02-08	< 3%	Not Established
SARA Hazard Title III, Section 313. N/A			

SECTION III - PHYSICAL PROPERTIES

BOILING POINT (-F): 212
pH: 423± 0.5
SPECIFIC GRAVITY (H2 O = 1.0): 1.043 ± 0.005
VAPOR PRESSURE (mmHg): N/D
VAPOR DENSITY (Air = 1): N/D
SOLUBILTY IN WATER: Complete
APPEARANCE & ODER: Clear Liquid, Mild Solvent
EVAPORATION RATE: (vs. H2 O): About the same

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (T.C.C): None to boiling. **FLAMMABLE LIMITS:** N/A
EXTINGUISHING MEDIA: Products is non-combustible, water spray (fog, dry chemical, CO2 or foam may be used where product is stored.
SPECIAL FIREFIGHTING PROCEDURES: None
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION V - STABILITY

STABILITY: Stable
INCOMPATIBILITY: Strong acids, strong oxidizers.
HAZARDOUS DECOMPOSTION PRODUCTS: Burning may produce carbon monoxide and other unidentified organic gases during incomplete combustion.

SECTION VI - HEALTH HAZARDS

ROUTE (S) OF ENTRY: **EYE:** √ **INHALATION:** √ **SKIN:** √ **INGESTION:** √

EYE: Prolong or repeated content of concentrated product with eyes will cause burns.
INHALATION: Will cause damage to upper respiratory tract and lung tissue.
SKIN: Prolong or repeated contact of concentrated product with skin will cause burns.
INGESTION: Will cause burns of mucus membranes and internal damage, possible death.
MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: None known.

SECTION VII - EMERGENCY AND FIRST AID PROCEDURES

EYE: Flush with water for at least 15 minutes while lifting eyelids, call a physician.
INHALATION: Remove to fresh air. If breathing has stopped, artificial respiration should be started. Oxygen may be administered if available. Call a physician. Never give anything by mouth to an unconscious person.
SKIN: Wash affected areas with large amounts of soap and water. If irritation persists, call a physician.
INGESTION: Do not induce vomiting. Dilute by drinking water. Call a physician.

SECTION VIII - SPECIAL PROTECTION

RESPRITORY PROTECTION: None required under normal use conditions.
VENTILATION REQUIREMENTS: N/A

PROTECTIVE GLOVES: Rubber

EYE PROTECTION: Safety glasses / goggles

OTHER PROTECTIVE CLOTHING: Normal work clothing covering arms and legs. Rubber apron.

SECTION IX – SPILL OR LEAK HANDLING PROCEDURES

STEPS TO BE TAKEN IF RELEASED OR SPILLED: Flush small spills to drain. For large spills safely stop spill at source. Contain spill by diking with sod or other inert material. Mop, pump, or absorb with inert material and reclaim into sound containers for proper disposal.

WASTE DISPOSAL METHODS: Dispose of in an approved waste facility according to Federal, State, and Local regulations.

SECTION X – HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Handle all containers carefully.

The health hazards given on the Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure of the diluted product under conditions of ordinary use. Energy Mizer Corporation warrants that the product or products described herein will conform to its published specification. The products supplied by Energy Mizer Corporation and information related to them are intended for use by buyers. Having necessary industrial skill and knowledge. Buyers should undertake sufficient verification and testing to determine the suitability of the Energy Mizer Corporation's control, Energy Mizer Corporation does not warrant any recommendations and information for the use of such products. Energy Mizer Corporation disclaims all other warranties including the implied warranty of merchantability and fitness for any particular purpose in connection with the use of its products.