

MATERIAL SAFETY DATA SHEET

ISSUE DATE 01/06/06

I. IDENTIFICATION

MANUFACTURER .....

ENERGY MIZER
295 Edwardia Drive
Greensboro, NC 27409
336-375-7555

EMERGENCY PHONE NUMBER: 336-852-4650
PRODUCT NAME.....SKE OVEN-GRILL-FRYER CLEANER
CHEMICAL FAMILY.....Alkaline Builders Mixture

II. PHYSICAL DATA BOILING

POINT ..... NE VAPOR SOLUBILITY (WATER).....Soluble
PRESSURE..... N/A VAPOR ODOR..Solvent
DENSITY..... N/A APPEARANCE....Clear red liquid
VOLATILES..... 87.6 EVAPORATION RATE.....(water=1):NE
pH of PRODUCT ..... 13.0 - 14.0 SPECIFIC GRAVITY.....1.106

III. CHEMICAL COMPONENTS

Table with 4 columns: COMPONENT/ C.A.S.#, HAZARD, from% - to%, T.L.V.
(1) Sodium Hydroxide 1310-73-2 Corrosive 5 - 15 2mg/m3
(2) \*Ethylene Glycol Monobutyl Ether 111-76-2 Combustible 2 - 5 25ppm
(3) \*Phosphate Ester Corrosive 2 - 5 NE
S A R A Title III reportable =\*

IV. FIRE AND EXPLOSION DATA

FLASH POINT (°F)..... >220 degree °F TCC
FLAMMABLE LIMITS: (upper) N/A (lower) N/A
EXTINGUISHING MEDIA ..... Dry chemicals, foam, carbon dioxide and water spray.
SPECIAL FIRE-FIGHTING PROCEDURES.. Must be equipped with self contained breathing apparatus.
Cool drums with water spray to prevent busting.
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 damage the eyes and prolonged contact may cause permanent eye injury.
SKIN .... Brief contact with the liquid will irritate the skin and may burn the skin. Prolonged contact may cause burns or permanent tissue damage.
INHALATION ... Mist of product may irritate the nose and throat.
INGESTION ..... Contains sodium hydroxide, a corrosive material and serious damage may be caused to the mouth, esophagus, stomach and other tissues.
EFFECTS OF OVEREXPOSURE... See above.

FIRST AID

EYES.....Flush with plenty of water, insuring both upper and lower lids are rinsed well for 5 to 10 minutes. If irritation persists, get medical attention.
SKIN..... Thoroughly rinse skin with water as soon as possible. If irritation persist, get medical attention.
INHALATION.....Remove to fresh air. Give artificial respiration if not breathing. Get medical Attention
INGESTION .....DO NOT INDUCE VOMITING. Give lemon, orange or grapefruit juice freely, followed with olive oil. A physician should be seen I Immediately.

SKE OVEN-GRILL-FRYER CLEANER

**VI. REACTIVITY DATA**

**STABILITY** ..... STABLE

**CONDITIONS TO AVOID**.....None

**INCOMPATIBILITY** ..... Stongly acidic materials

**HAZARDOUS DECOMPOSITION PRODUCTS** ..... Oxides of carbon and phosphorus

**HAZARDOUS POLYMERIZATION** ..... WILL NOT OCCUR

**CONDITIONS TO AVOID** ..... None

**VII. SPILL OR LEAK PROCEDURES**

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> STOP FLOW                    | <input checked="" type="checkbox"/> AVOID SKIN CONTACT | <input type="checkbox"/> USE AS LANDFILL  |
| <input type="checkbox"/> NEUTRALIZE                              | <input type="checkbox"/> ELIMINATE ALL SOURCE          | <input type="checkbox"/> BURY IN REMOTE AREA  |
| <input checked="" type="checkbox"/> ABSORB OR SCRAPE UP MATERIAL | <input type="checkbox"/> OF IGNITION OR FLAME          | <input checked="" type="checkbox"/> OBSERVE FEDERAL SPILL & WATER QUALITY REGULATIONS |
| <input type="checkbox"/> AVOID INHALATION                        | <input type="checkbox"/> WASH AWAY WITH WATER          |   |
|  | <input type="checkbox"/> VACUUM UP                     |   |

**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.**

**VIII. SPECIAL PROTECTION INFORMATION**

**RESPIRATOR** ..... \_1\_1-Usually none 2-Particle removing air purifying respirator (mechanical filter) 3-Gas and vapor removing air purifying respirator (canister)

**SKIN** ..... Gloves - use chemical resistant or neoprene type

**EYES** ..... Face shield or safety glasses with side shields.

**VENTILATION** .....  General Ventilation  Local Exhaust

**OTHER PROTECTION**..... Wear a protective splash apron. Eye wash and safety shower should be in area of use.

**IX. SPECIAL PRECAUTION**

No special precautions beyond routine prudent safe handling of chemical substances are necessary. Note for Chemical Components Section: A percentage of components in phosphate ester are **S.A.R.A. III reportable**.

**X. REGULATORY INFORMATION**

DOT SHIPPING NAME.....COMPOUNDS, CLEANING LIQUID CONTAINS SODIUM HYDROXIDE

HAZARD CLASS / #.....CORROSIVE /8

PACKING GROUP: I II

UN/NA ..... NA1760

REPORTABLE QTY..... /

S.A.R.A..... See Secion I I I

T.S.C.A..... All chemicals are listed on the TSCA inventory.

O.S.H.A HAZARD CLASS: HEALTH..... 2 REACTIVITY..... 0

FLAMMABILITY ..... 1 PERSONAL PROTECTION.... D

**XI. MISCELLANEOUS**

DATE OF LAST REVISION: 12/12/06 COMPANY CONTACT: Joseph E. Mason / Babu C. Patel

This

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