MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION
Distributor: Energy Mizer
Address: 295 Edwardia Dr.
Trade Name: QUAT SANITIZER
Product Type: Disinfectant Sanitizer DEORORIZER

SECTION 2 – HAZARDOUS INGREDIENTS
CHEMICAL NAME / COMMON NAME CAS NO. PERCENT (optional) TLV (Source)
n-Alkyl (60% C14, 30% C16, 5% C18) dim ethyl benzyl ammonium chlorides 68391-01-5* 5.0 Not-Established
n-Alkyl (68% C12, 32% C14) dim ethyl benzyl chlorides 68956-79-6* 5.0 Not-Established

The ingredients in this product are:
☐ Less than 1% by weight or less than 0.1% for carcinogens ☐ Not Hazardous ☐ Declared to be Trade Secret

SECTION 3 – PHYSICAL DATA
Boiling Point (°F): Near 212 °F
Specific gravity (H2O = 1.0): 0.985
pH (± 0.5): 7.0
Vapor Pressure (mm Hg): Unknown
Vapor Density (Air= 1): Unknown
Solubility In Water: ☑ Complete ☐ Insoluble ☐ Emulsifiable (or Dispersible) ☐ Slight (or Partial)
Evaporation Rate (vs. H2O): ☑ Faster ☐ Slower ☑ About the same
Appearance and Odor: Liquid, “quat” odor

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA
Flash Point (T.C.C.): °F ☑ None to Boiling
Flammable Limits Upper ☐ Unknown Lower ☐ Unknown
Extinguishing Media: ☑ CO2, dry chemical, foam, water, and spray
Special Firefighting Procedures: Do not enter confined fire-space without protective, clothing, and self-contained supply.
Unusual Fire and Explosion Hazards: None Known

SECTION 5 – REACTIVITY DATA
Stability: Stable
Incompatibility: Strong oxidizers
Hazardous Decomposition Products: Carbon monoxide and other unidentified organic gases may occur during incomplete combustion

SECTION 6 – HEALTH HAZARDS
Primary Routes of Exposure: ☑ Eye ☑ Skin ☐ Oral ☑ Inhalation ☐ Other
Sights and Symptoms of Overexposure (Acute):
Eye: Redness, severe eye damage. Skin: Burns! Swallowing: probable mucosal damage, possible respiratory depression, possible convulsions.

SECTION 7 – EMERGENCY AND FIRST AID PROCEDURES
Eyes: Flush immediately with water for at least 15 minutes. Call a physician.
Skin: Flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing/ shoes. Call a physician. Wash clothing before use.
Ingestion: Drink milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician.
Inhalation: Not applicable

SECTION 8 – SPECIAL PROTECTION INFORMATION
Respiratory Protection: Not needed under normal conditions of use.
Ventilation Requirements: ☐ Local Exhaust ☑ Mechanical ☐ Room Ventilation Is Adequate
Protective Gloves: Rubber
Eye Protection: Safety goggles/glasses Other Protective Clothing: May be needed where likely exposure may occur.

SECTION 9 – SPILL OR LEAK PROCEDURES
Steps to be taken if Released or spilled: Absorb with suitable absorbent. For large spills, absorb with suitable absorbent, and then shovel into containers.
Waste Disposal Methods: Dispose of in accordance with applicable Federal, State, and Local ordinances

SECTION 10 – STORAGE AND HANDLING INFORMATION
Precautions to be taken in handling and storage: Do not contaminate food or water by storage or disposal. Triple rinse (or equivalent empty container before disposal. Do not get in eyes on skin or on clothing in Handling and Storage.