

MATERIAL SAFETY DATA SHEET

| SECTION 1 – PRODUCT IDENTIFICATION | | | |
|---|--|-----------------------------------|-----------------|
| Distributor: Energy Mizer | Emergency Phone: 1-800-627-5634 | | |
| Address: 295 Edwardia Dr. Greensboro, NC 27409 | Phone Number: 336-852-4650 | | |
| Trade Name: QUAT SANITIZER | Product Type: Disinfectant Sanitizer DEORDORIZER | | |
| 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 |
| Other ingredients in this product are: <input type="checkbox"/> Less than 1% by weight or less than 0.1% for carcinogens <input checked="" type="checkbox"/> Not Hazardous <input checked="" type="checkbox"/> Declared to be Trade Secret | | | |
| SECTION 3- PHYSICAL DATA | | | |
| Boiling Point (°F.): Near 212 °F | specific gravity (h ₂ O = 1.0) ± 0.005 0.985 | pH (± 0.5) 7.0 | |
| Vapor Pressure (mm Hg): Unknown | Vapor Density (Air= 1) Unknown | | |
| 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 checked="" type="checkbox"/> About the same | | | |
| Appearance and Odor: Liquid, "quat" odor | | | |
| SECTION 4- FIRE AND EXPLOSION HAZARD DATA | | | |
| Flash Point (T.C.C.): °F <input checked="" type="checkbox"/> None to Boiling | Flammable Limits ^{Upper} Unknown ^{Lower} Unknown | | |
| Extinguishing Media: C ₀ 2, 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: <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other | | | |
| Signs and Symptoms of Overexposure (Acute) Eyes: Redness, severe eye damage. Skin: Burns! Swallowing: probable mucosal damage, possible respiratory depression, possible convulsions. | | | |
| Signs and Symptoms of Overexposure (Chronic): None Known | | | |
| Medical Conditions Aggravated by overexposure None Known <input type="checkbox"/> Carcinogen/Suspected Carcinogen Ingredients <input type="checkbox"/> NTP <input type="checkbox"/> OSHA <input type="checkbox"/> IARC <input checked="" type="checkbox"/> NONE | | | |
| 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: <input type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> 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 | | | |