# Material Safety Data Sheet

(Prepared According to 29 CFR 1910.1200)

## Section 1 - Product Identification
- **Chemical Name:** Disinfectant Cleaner
- **Trade Name:** ATTACK II
- **Emergency Phone:** 608/374-3558

## Section 2 - Ingredients
<table>
<thead>
<tr>
<th>Chemical Name/Common Name</th>
<th>CAS NO.</th>
<th>Percent (optional)</th>
<th>TLV(Source)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkyl Dimethyl Benzyl Ammonium Chloride</td>
<td>68391-01-5</td>
<td>100%</td>
<td>Not Established</td>
</tr>
<tr>
<td>Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride</td>
<td>89956-79-6</td>
<td>2 mg/mL (as NaOH)</td>
<td></td>
</tr>
<tr>
<td>Tetrasodium EDTA</td>
<td>64-02-08</td>
<td>0%</td>
<td>Not Established</td>
</tr>
</tbody>
</table>

## Section 3 - Physical Data
- **Boiling Point (°F):** 212°F
- **Specific Gravity (H2O = 1):** 1.036 ± 0.005
- **pH:** 12.2 ± 0.5
- **Vapor Pressure (mm Hg):** Not Determined
- **Vapor Density (Air = 1):** Not Determined
- **Solubility in Water:** Insoluble
- **Evaporation Rate (vs. H2O):** Faster
- **Appearance and Odor:** Blue colored liquid with pleasant odor.

## Section 4 - Fire and Explosion Hazards
- **Flash Point (C.C.):** Not Flammable
- **Extinguishing Media:** Water
- **Special Firefighting Procedures:** Do not enter confined fire-spaces without protective clothing and self-contained air supply.
- **Unusual Fire and Explosion Hazards:** None

## Section 5 - Reactivity Data
- **Stability:** Stable
- **Incompatibility:** Strong acids/oxidizers. Do not mix with chlorinated detergents (bleach).

## Section 6 - Health Hazard Data
- **Primary Routes of Exposure:** Inhalation
- **Signs and Symptoms of Overexposure:** Prolonged or repeated contact of concentrated product with eyes will cause irritation and reddening. May cause skin irritation with some individuals. Ingestion may cause nausea, abdominal discomfort and diarrhea.
- **Medical Conditions Aggravated by Overexposure:** None currently known.
- **Carcinogen or Suspect Carcinogen Ingress:** None

## Section 7 - Emergency and First Aid Procedures
- **Eyes:** Flush with water for at least 15 minutes and call a physician.
- **Skin:** Wash with large amounts of soap and water. If irritation persists, consult a physician.
- **Inhalation:** Do NOT induce vomiting. Dilute by drinking water. Call a physician immediately.

## Section 8 - Special Protection Information
- **Respiratory Protection:** Not required under normal use conditions
- **Ventilation Requirements:** Local Exhaust
- **Personal Protection:** Safety Glasses/Goggles

## Section 9 - Spill or Leak Procedures
- **Precautions to be Taken in Handling and Storage:** Do not expose product to excess heat or near freezing temperatures. Handle all containers carefully. Triple rinse all empty containers to remove residual product. Observe all label directions as to storage and disposal.

## Section 10 - Storage and Handling Information

## Health Hazard Rating
- **Basis:** 1
- **Flammability:** 0
- **Reactivity:** 0
- **Personal Protection:** X

*The health hazards given on this 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 apply only to negligence in handling or misuse of the concentrated product and not to the resulting exposure of the diluted product under conditions of ordinary use.*

*DATE PREPARED: 2/13/91*