

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

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SECTION 1 - PRODUCT IDENTIFICATION

Distributor: **Dolphin Chemicals** Emergency Phone: **608/374-3558**
 Address: **P. O. Box 56122, Madison, Wisconsin 53705** Product Type: **Disinfectant Cleaner**
 Trade Name: **ATTACK II**

SECTION 2 - INGREDIENTS		CAS NO.	PERCENT (optional)	TLV (Source)
CHEMICAL NAME/COMMON NAME				
Alkyl Dimethyl Benzyl Ammonium Chloride		68391-01-5		Not Established
Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride		68956-79-6		Not Established
Tetrasodium E.D.T.A.		64-02-08		2 mg/M3 (as NaOH)

SARA HAZARD: TITLE III, SECTION 313: Contains no Section 313 listed substances subject to reporting.

SECTION 3 - PHYSICAL DATA

Boiling point (°F): **212°F** Specific Gravity (H₂O=1.0): **1.036 ± 0.005** pH: **12.2 ± 0.5**
 Vapor Pressure (mm Hg): **Not Determined** Vapor Density (Air=1): **Not Determined**
 Solubility in water: Complete Insoluble Emulsifiable (or Dispersible) Slight (or Partial)

Evaporation Rate (vs. H₂O): Faster Slower About the Same Appearance and Odor: **Blue colored liquid with pleasant odor.**

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.): **None to Boiling** °F: None to Boiling Flammable Limits: **N.A.** Upper: Lower:
 Extinguishing Media: **Product is non-combustible. Water Spray (Fog), Dry Chemical, CO₂, or Foam may be used where product is stored.**
 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).**
 Hazardous Decomposition Products: **Burning may produce carbon monoxide and/or carbon dioxide.**

SECTION 6 - HEALTH HAZARD DATA

Primary Routes of Exposure: Eye Skin Oral Inhalation Other
 Signs and Symptoms of Overexposure (Acute): **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.**
 Signs and Symptoms of Overexposure (Chronic): **None currently known.**
 Medical Conditions Aggravated by Overexposure: **An existing dermatitis.** NTP IARC OSHA NONE

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eye: **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.**
 Ingestion: **Do NOT induce vomiting. Dilute by drinking water. Call a physician immediately.**
 Inhalation: **N.A.**

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: **Not required under normal use conditions.**
 Ventilation Requirements: Local Exhaust Mechanical Other Eye Protection: **Safety Glasses/Goggles**
 Protective Gloves: **Rubber/PVC** Other Protective Clothing: **Work clothing covering arms and legs as required to minimize contact.**

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled: **Safely stop spill at source. Contain spill by diking with soil or other inert material. Mop, pump or absorb with material and reclaim into sound containers for proper disposal.**

SECTION 10 - STORAGE AND HANDLING INFORMATION

Waste Disposal Methods: **Dispose of in an approved waste facility according to Federal, State and local regulations. See label for specifics.**
 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.**

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 routine exposure of the diluted product under conditions of ordinary use.

HMIS HAZARD RATING

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

0 - LEAST
 1 - SLIGHT
 2 - MODERATE
 3 - HIGH
 4 - EXTREME