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ALDEN LEEDS, INC. PRODUCT CODE # 1999 MATERIAL  
55 JACOBUS AVE. PRODUCT NAME: AQUATROL 5% ALGAECIDE SAFETY DATA  
S. KEARNY, NJ 07032 SHEET  
973-589-3544 10/20/04  
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### SECTION I - IDENTIFICATION

**SYNONYMS:** n-Alkyl (60%C14, 30%C16, 5%C12, 5%C18) Dimethyl Benzyl Ammonium Chlorides-4.98%  
dialkyl (60%C14, 30%C16, 5%C12, 5%C18)Methyl Benzyl Ammonium Chlorides - 0.02%  
**CHEMICAL FAMILY:** Quaternary Ammonium Compounds  
**CHEMICAL FORMULA:**  $[R_1-N(CH_3)_2CH_2C_6H_5]^+ Cl^-$   
**TRADE NAME:** Nuclo, Ortex, or private label 5% Algaecide, Aquatrol  
**DESCRIPTION:** Blue liquid having a Bezaldehyde odor.  
**CAS NO.** 68391-01-5 / 73049-75-9  
**HMS HAZARD RATINGS:** Health Hazard: 3 Fire Hazard: 1 Reactivity: 0

### SECTION II - PHYSICAL DATA

**Boiling Point:** N/A **pH:** 6-8  
**% Volatile by weight:** N/A **Evaporation Rate Butyl Acetate = 1:** N/A  
**Solubility In Water:** Soluble **Vapor Pressure (mm Hg):** ~ 24  
**Specific Gravity (H<sub>2</sub>O=1):** N/A

### SECTION III - HAZARDOUS INGREDIENTS

MATERIAL	% wt.	TWA/TLV
Alkyl Dimethyl Benzyl Ammonium Chloride	4.98%	N/A
Dialkyl Methyl Benzyl Ammonium Chloride	0.02%	N/A

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**Flash Point:** N/A **Autoignition Temp:** N/A  
**Flammable Limits in Air % by Volume:** N/A  
**Extinguishing Media:** Dry chemical, water, CO<sub>2</sub>, foam.  
**Special Fire Fighting Procedures:** Cool fire exposed containers with spray. Must wear a NIOSH approved self contained breathing apparatus.  
**Unusual Fire Explosion Hazards:** None

### SECTION V - HEALTH HAZARDS

**EFFECTS OF OVEREXPOSURE:**  
**Inhalation:** Irritation of mucous membrane can be caused by solvent  
**Eye:** Corrosive. Eye damage can result from direct contact.  
**Skin:** Irritation may occur.  
**Ingestion:** May be fatal. Burning pain in the mouth, throat, abdomen, severe swelling of the larynx, skeletal muscle paralysis affecting the ability to breath, circulatory shock, convulsions.

### SECTION VI - EMERGENCY AND FIRST AID PROCEDURE

**INHALATION:** N/A  
**SKIN:** Remove contaminated clothing. Flush skin for 15 minutes water. Wash clothing before reuse.  
**EYE:** Immediately flush with plenty of water for at least 15 minutes. Consult a physician.  
**INGESTION:** Promptly drink a large quantity of egg whites, gelatin solution or, if available, drink large quantities of water. Avoid alcohol. Call a physician immediately.  
**\*Note to physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

### SECTION VII - REACTIVITY DATA

**Stability:** Stable  
**Conditions to Avoid:** N/A  
**Incompatibility (materials to avoid):** Strong oxidizers or reducing agents  
**Hazardous Decomposition Products:** Toxic hydrogen chloride fumes, oxides of carbon and nitrogen  
**Hazardous Polymerization:** Will not occur

**CHEMICAL NAME:**  
Dimethyl Benzyl Ammonium Chlorides -  
Methyl Benzyl Ammonium Chlorides

**TRADE NAME:** Nuclio, Ortex, or Private Label  
Algaecide 5% Aquatrol

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**SECTION VIII - SPILL, LEAKAGE & DISPOSAL PROCEDURES**

**Steps to take if material leaks or spills:** Wear respirator. LARGE SPILLS: should be contained; the material then moved into containers to be disposed of. SMALL SPILLS: may be mopped up, flushed away with water or absorbed on absorbent material and incinerated.

**Waste disposal method:** Incinerate. Must comply with all Federal, State and Local regulations.

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**SECTION IX - SPECIAL PROTECTION DATA**

**Ventilation:** Mechanical

**Eye Protection:** Splash-proof safety goggles

**Respiratory Protection:** None required if good ventilation is maintained. Wear NIOSH approved mist or vapor respirator.

**Protective Gloves:** Rubber or Neoprene

**Other Equipment:** Impervious apron, eyewash facility, emergency shower, face shield.

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**SECTION X - SPECIAL PRECAUTIONS DATA**

**Handling and storage:** Keep from freezing. Store in original container.

**Other:** None.

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**SECTION XI - TRANSPORTATION INFORMATION**

This material is not a hazardous material and is not regulated by the D.O.T. For all transportation accidents, call **CHEMTREC** at 800-424-9300.

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The information herein is given in good faith but no warranty, expressed or implied, is made.

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EMERGENCY PHONE : CHEMTREC 800-424-9300