

ALDEN LEEDS, INC.
55 JACOBUS AVE.
S. KEARNY, NJ 07032
973-589-3544

PRODUCT CODE # 2025
PRODUCT NAME: ALGAESTROY

MATERIAL
SAFETY DATA
SHEET
8/10/06

SECTION I - IDENTIFICATION

SYNONYMS: n-Alkyl (60%C14, 30%C16, 5%C12, 5%C18) Dimethyl Benzyl Ammonium Chlorides-49.8%
dialkyl (60%C14, 30%C16, 5%C12, 5%C18)Methyl Benzyl Ammonium Chlorides - 0.2%

CHEMICAL FAMILY: Quaternary Ammonium Compounds

CHEMICAL FORMULA: $[R_1-N(CH_3)_2CH_2C_6H_5]^+ Cl^-$

TRADE NAME: Nuclo, Ortex, or private label Algaestroy - 50% Algaecide

DESCRIPTION: Blue liquid having a Benzaldehyde odor.

CAS NO. 68391-01-5 / 73049-75-9

HMIS HAZARD RATINGS: Health Hazard: 3 Fire Hazard: 1 Reactivity: 0

SECTION II - PHYSICAL DATA

Boiling Point: N/A

Freezing Point: N/A

Percent Volatile (by wt.): N/A

Evaporation Rate Butyl Acetate = 1: N/A

Solubility In Water: Soluble

Vapor Pressure: Approx. 24mmHg

Specific Gravity: (H20=1) 0.98

pH: 6-8

SECTION III - HAZARDOUS INGREDIENTS

	% wt.	TWA/TLV
Alkyl Dimethyl Benzyl Ammonium Chloride	49.8%	N/A
Dialkyl Methyl Benzyl Ammonium Chloride	.2%	N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: 200°F PMCC

Auto Ignition Temp.: N/A

Flammable Limits in Air % By Volume: N/A

Extinguishing Media: Dry Chemical, Water, CO₂, Foam.

Special Fire Fighting Procedures: Cool fire exposed containers with spray. Must wear MSHA/NIOSH approved self contained breathing apparatus.

Unusual Fire Explosion Hazards: None

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

Inhalation: Irritation of mucous membrane can be caused by solvent

Eye: Corrosive. Severe eye damage can result from direct contact.

Skin: Severe Irritation

Ingestion: May be fatal. Burning pain in the mouth, throat, abdomen, severe swelling of the larynx, skeletal muscle paralysis affecting the ability to breathe, circulatory shock, convulsions.

SECTION VI - EMERGENCY AND FIRST AID PROCEDURE

INHALATION: Remove patient to fresh air.

EYE: Immediately flush with plenty of water for at least 15 minutes. Call a physician.

SKIN: Flush skin with plenty of water for at least 15 minutes. Remove and wash contaminated clothing before reuse.

INGESTION: Promptly drink a large quantity of egg whites, gelatin solution or if these are not 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 - TOXICOLOGY

Oral LD50: 735 mg/kg for males and females combine

Eye Irritation: Corrosive

Acute Dermal: greater than 3350 mg/kg

Skin Irritation: Corrosive, Severe Irritant

CHEMICAL NAME:

Dimethyl Benzyl Ammonium Chlorides -
Methyl Benzyl Ammonium Chlorides

TRADE NAME: Nuclio, Ortex, or Private Label

Algaestroy - 50%, Algaecide

SECTION VIII - 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.

SECTION IX - SPILL, LEAKAGE & DISPOSAL PROCEDURES

Steps to take if material leaks or spills: Remove ignition sources. Wear respirator. Small spills may be mopped up, flushed away with water or absorbed on some absorbent material and incinerated. Large spills should be contained; the material then moved into containers and disposed of by approved methods for hazardous wastes.

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

SECTION X - SPECIAL PROTECTION INFORMATION

Ventilation: Mechanical

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

Protective Gloves: Rubber or Neoprene

Eye Protection: Splash-proof safety goggles

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

SECTION XI - SPECIAL PRECAUTIONS DATA

Handling and Storage: Keep from freezing. Store in original container.

Other: None.

SECTION XII - TRANSPORTATION INFORMATION

This material is not regulated as a DOT hazardous material. For all transportation accidents, call

CHEMTREC at 800-424-9300.

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