

**I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

NAME: **ALGAE-KILL** PRODUCT CODE: **5010**  
 LIQUID QUATERNARY SWIMMING POOL ALGAECIDE E.P.A REG. NO. 11474-1  
 DISTRIBUTED BY: Superco Specialty Products, 25041 Anza Dr., Valencia, CA 91355  
 (661)775-8877 FAX: (661)775-8884

**II. COMPOSITION / INFORMATION ON INGREDIENTS**

MATERIAL	CAS#	OSHA PEL	ACGIH TLV	OTHER	%(optional)
n-alkyl (C12-C18)-n, n-dimethyl-n-benzyl-ammonium chloride	68391-01-5	NL	NL	N/A	5
alkyl dimethyl ethyl benzyl ammonium chloride (C12-C18)	68956-79-6	NL	NL	N/A	5

**III. HAZARDS IDENTIFICATION**

\*\*\*\*\***EMERGENCY VERVIEW**\*\*\*\*\*

HEALTH: Can cause severe eye damage and skin irritation. Harmful or fatal if swallowed.  
 ENVIRONMENTAL: This product is toxic to fish. Do not discharge treated effluent into lakes, ponds or streams.

**POTENTIAL HEALTH EFFECTS**

PRIMARY ROUTE(S) OF ENTRY - Ingestion, skin and eye contact.  
 EYE CONTACT: Irritating and may cause chemical burns.  
 SKIN CONTACT: Prolonged contact causes irritation.  
 INGESTION: Probable mucosal damage.  
 INHALATION: Vapors may cause nausea.

**IV. FIRST AID MEASURES**

EYES: - Immediately rinse eyes with a large amount of running water. Hold eyelids apart to rinse the entire surface of the eye and lids. Do not apply any medicating agents except on the advice of a physician. Contact a physician.  
 SKIN:- Remove contaminated clothing. Wash skin with soap and water including hair and under fingernails. Do not apply any medicating agents except on the advice of a physician. Contact a physician if irritation persists.  
 INGESTION: - Contact a physician immediately.  
 INHALATION: - Remove affected person to fresh air. Consult medical personnel.  
 NOTE TO PHYSICIAN: - Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

**V. FIRE FIGHTING MEASURES**

FLAMMABLE PROPERTIES: FLASH POINT: None to boiling (TCC) FLAMMABLE LIMITS: Lower: N/A Upper: N/A  
 EXTINGUISHING MEDIA - Use any appropriate for extinguishing surrounding fire.  
 FIRE FIGHTING INSTRUCTIONS - Use water spray to cool nearby containers.

**VI. ACCIDENTAL RELEASE MEASURES**

Contain all spills and leaks to prevent discharge into the environment. Prevent electrical sparking. Ventilate area.  
 Small spills: Soak up with absorbent, shovel into waste container, flush area with water.  
 Large spills: Recover liquid for reprocessing or disposal.

**VII. HANDLING AND STORAGE**

HANDLING PRECAUTIONS: . Store material in a cool, well ventilated area. Do not contaminate water, food, or feed. See label for container disposal.  
 Avoid overheating or freezing. Spilled material is slippery. Wash thoroughly after handling.  
 WORK/HYGIENIC PRACTICES: Wash thoroughly after handling and before eating or smoking. Do not wear contaminated clothing or shoes. Use good personal hygiene practice. Wash contaminated clothing with soap and hot water before reuse.

**VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION**

EYE/ FACE PROTECTION: Safety Glasses or Goggles  
 SKIN PROTECTION: Rubber or impervious gloves, footwear, long-sleeved shirt.  
 RESPIRATORY PROTECTION: None required under normal conditions.

**IX. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: Clear blue colored liquid ODOR: fresh  
 BASIC PHYSICAL PROPERTIES:  
 VAPOR PRESSURE: N/A VAPOR DENSITY: N/A SPECIFIC GRAVITY: 1.03 LBS / GAL: 8.3  
 EVAPORATION RATE: N/A SOLUBILITY: Complete in Water

**X. STABILITY AND REACTIVITY**

STABILITY: Stable  
 HAZARDOUS POLYMERIZATION: Will Not Occur  
 INCOMPATIBLE MATERIALS: Strong Oxidizing agents. Do not mix with other cleaning compounds.  
 HAZARDOUS DECOMPOSITION PRODUCTS: Nitrous oxides and ammoniacal vapors.

**XI. TOXICOLOGICAL INFORMATION**

EYE EFFECTS: Irritant SKIN EFFECTS: Irritant.  
 ACUTE ORAL EFFECTS: N/A  
 ACUTE INHALATION EFFECTS: N/A  
 ACUTE DERMAL ABSORPTION: N/A  
 CHRONIC (CANCER INFORMATION): CARCINOGENICITY: NTP: No IARC: No OSHA: No

## **XII. ECOLOGICAL INFORMATION**

This product is toxic to fish. Do not apply directly to any body of water.

## **XIII. DISPOSAL CONSIDERATIONS**

Do not contaminate waterways by cleaning of equipment or by disposal of wastes. Untreated effluent should not be discharged where it will drain into lakes, streams, or ponds. Empty container may retain vapor or product residue. Observe all labeled safeguards until container is cleaned, reconditioned, or destroyed.

## **XIV. TRANSPORTATION INFORMATION**

HAZARD CLASS: Corrosive Liquid, n.o.s. (Quaternary Ammonium Chloride), 8, UN 1760, PG III  
NMFC: 48580SUB3 LTL CLASS: 55

## **XV. REGULATORY INFORMATION**

SARA TITLE III NOTIFICATIONS AND INFORMATION: This product is subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372:

## **XVI. OTHER INFORMATION**

HMIS Ratings: Health - 1 Slight Fire - 0 Least Reactivity - 0 Least Personal Protection -B

## **XVII. APPENDIX**

MATERIAL SAFETY DATA SHEET PREPARED BY: REGULATORY DEPARTMENT  
DATE PREPARED: June 26, 2006 SUPERSEDES: Sept. 25, 1998  
EMERGENCY PHONE NUMBER: 661-775-8877

### ABBREVIATIONS

N/E Not Established

N/A Not Available