

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET**TOTAL CLEAN / 2340****APRIL 2010****PAGE 1**

HEALTH	2
FIRE	0
REACTIVITY	0
P.P.E.	B

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification**CHEMICAL FAMILY:** DISINFECTANT**SECTION 2 – Composition on Ingredients**

HAZARDOUS COMPONENTS (Chemical Identity, Common Names)	CAS No.	OSHA PEL	ACGIH- TLV	OTHER LIMITS RECOMMENDED	% (Opt.)
Dialkyldimethyl Ammonium Chloride	68424-95-2	N/A	N/A	N/A	6.51%
Alkyldimethylbenzyl Ammonium Chloride	68424-85-1	N/A	N/A	N/A	4.34%

*THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS FOR SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

SECTION 3 – Hazards Information**ROUTE(S) OF ENTRY:** INGESTION, SKIN**ACUTE HEALTH HAZARDS:** Harmful if swallowed. Eye and skin irritant.**CHRONIC HEALTH HAZARDS:** None known**Chemical Listed as Carcinogen or Potential Carcinogen:**

OSHA: NO **NTP:** NO **IARC monographs:** NO

SIGNS AND SYMPTOMS OF EXPOSURE: Irritation or burning sensation.**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** May aggravate skin disorders or respiratory ailments.**SECTION 4 – First Aid Measures**

EYES: Flush immediately with water for 15 minutes. Get medical attention.
SKIN: Flush with water for 15 minutes. Remove and wash contaminated clothing.
INGESTION: Rinse mouth with water. Then drink 1-2 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get immediate medical attention.

SECTION 5 – Fire Fighting Measures

FLASH POINT (METHOD USED): none
FLAMMABLE LIMITS: **LEL:** N/A **UEL:** N/A
EXTINGUISHING MEDIA: Water, CO₂, Foam or media suitable for surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES: Standard fire fighting procedures may be followed, including full protective gear, NIOSH approved self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

SECTION 6 – Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled: Wear appropriate protective equipment. If possible, contain spill and collect in approved container. Rinse affected area thoroughly with water. Keep product out of storm sewers or waterways. Hold for disposal.

SECTION 7 – Handling and Storage

Precautions to be Taken in Handling and Storing: Avoid contact with skin or eyes. Avoid breathing vapor, spray or mist. Store in original container, in cool dry place with adequate ventilation. Keep out of reach of children. Keep container tightly closed when not in use.
Other Precautions: Use only according to label directions. If unsure about safe use, contact your supervisor immediately.

SECTION 8 – Exposure Controls/Personal Protection**EYE PROTECTION:** Chemical resistant goggles or face shield.**PROTECTIVE GLOVES:** Water impervious (Latex, Neoprene)**RESPIRATORY PROTECTION (SPECIFY TYPE):**

Not expected to be necessary under normal conditions of use. Where exposure cannot be adequately controlled by general or local ventilation, use appropriate respiratory protection to prevent overexposure. An approved dust/mist respirator would be recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not required. Eye wash recommended.

VENTILATION: Local Exhaust - As necessary; Mechanical (General) – Adequate; Special- N/A; Other - N/A

WORK/HYGIENE PRACTICES: Follow OSHA mandated procedures. Never eat or smoke while working with chemicals. Good housekeeping practices apply. Wash thoroughly after handling.**SECTION 9 – Physical and Chemical Properties**

APPEARANCE/ODOR: Green Liquid / Fresh Fragrance
pH(conc.): 6.7 **SPECIFIC GRAVITY (H₂O=1):** 1.000 ±0.01
BOILING POINT: ~212°F **% VOLATILE BY WT:** >85
EVAPORATION RATE (H₂O = 1): 1 **SOLUBILITY IN WATER:** Complete
VAPOR PRESSURE (mmHg): Not established

SECTION 10 – Stability and Reactivity

HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: None known.
HAZARDOUS DECOMPOSITION/BY-PRODUCTS: Thermal decomposition on burning may produce toxic vapors or gases.
STABILITY: Stable
INCOMPATIBILITY (Materials to Avoid): Do not mix with other chemicals.

SECTION 11 – Toxicological Information

See Section 3.

SECTION 12 – Ecological Information

No Data.

SECTION 13 – Disposal Consideration**DISPOSAL METHOD:** Dispose of in accordance with local, state and federal regulations. If possible, triple rinse container, and recycle.**SECTION 14 – Transport Information**

No data available.

SECTION 15 – Regulatory Information

See Section 2.

SECTION 16 – Other Information

WARNING! The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product.

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