

MATERIAL SAFETY DATA SHEET

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GENERAL INFORMATION # : 314-647-1888
EMERGENCY TELEPHONE # : (800) 854-4236

I-PRODUCT IDENTIFICATION

AL-AWAY

PRODUCT CODE: #011

CHEMICAL FORMULATION: CONCENTRATED SWIMMING POOL ALGAECIDE

NFPA HAZARD IDENTIFICATION SYSTEM:

HEALTH: 2

FLAMMABILITY: 0

REACTIVITY: 0

HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - HAZARDOUS INGREDIENTS

| HAZARDOUS COMPONENTS | CAS NUMBER | ACGIH TWA | ACGIH STEL | OSHA PEL | OTHER RECOMMENDED LIMITS | S.A.R.A TITLE III QTYS |
|---|------------|------------------------------------|------------|--|--------------------------|------------------------|
| Alkyl dimethyl benzyl ammonium chloride | 68391-01-5 | N/E | N/E | N/E | NONE | NONE |
| Alkyl dimethyl ethyl benzyl ammonium chloride | 68956-79-6 | N/E | N/E | N/E | NONE | NONE |
| ethanol | 64-17-5 | 1000 ppm 1880 mg/m ³ | N/E | TWA 1000 ppm 1900 mg/m ³ | NONE | NONE |

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling Level STEL: Short Term Exposure Limit

N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).

355: SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

372: SARA TITLE III/ List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - PHYSICAL DATA

BOILING POINT (°f): 212°F MELTING POINT: NOT DETERMINED
VAPOR PRESSURE (mm Hg): (At 77°F) Not Determined SPECIFIC GRAVITY (WATER = 1): 0.99
VAPOR DENSITY (AIR = 1): NOT DETERMINED VOC CONTENT (% by weight): 0.17
SOLUBILITY IN WATER: COMPLETE EVAPORATION RATE (Butyl Acetate=1): 1
pH: N/A
APPEARANCE AND ODOR: CLEAR, COLORLESS AND ODORLESS LIQUID

IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (°F): NONE (TAG CLOSED CUP)

FLAMMABLE LIMITS: N/A LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: DRY CHEMICAL, WATER FOG, CO₂, FOAM

SPECIAL FIRE FIGHTING PROCEDURES: COOL FIRE EXPOSED CONTAINERS WITH SPRAY. FIRE FIGHTERS SHOULD WEAR FULL PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS

UNUSUAL FIRE AND EXPLOSION HAZARD: HEATING MAY CAUSE RELEASE OF HAZARDOUS GASES.

