



# MATERIAL SAFETY DATA SHEET

Product Name: Ram Algacide 10

4949 Greenhouse Road Houston, TX 77084-2205 281/856-7600 - 800/456-3459 - Fax 281/856-7015

## Material Safety Data Sheet – Maquat® MC1412-50%

### Section 1: Product & Company Identification

**Trade Name:** MAQUAT MC1412-50%  
**EPA Reg. No.** 10324-6  
**Product Class:** Quaternary Ammonium Compound  
**Product Use:** Surfactant  
**Manufacturer:** Ram Chemical & Supply  
4949 Greenhouse Rd.  
Houston, TX 77084-2205  
**Telephone Numbers:** 24 hr. Emergency Assistance: Chemtrec 1-800-424-9300 or 1-703-527-3887  
Product or Company Information: 800-456-3459 (Mon - Fri)

### Section 2: Composition/Information on Ingredients

INGREDIENT	CAS #	WT. %
Alkyl dimethyl benzyl ammonium chloride (C <sub>12-16</sub> )	68424-85-1	50.0
Ethanol	64-17-5	5.0
Water	7732-18-5	45.0

### Section 3: Hazards Identification

**Emergency Overview** Clear, colorless to straw colored liquid. May cause irritation or burns to the eyes, skin, gastrointestinal tract, and respiratory system.

#### Potential Health Effects:

**Skin:** Causes corrosive burns. Brief exposures may cause irritation and defatting of the skin.  
**Eyes:** Causes burns and may result in permanent injury to eyes including blindness.  
**Inhalation:** Mists and vapors can irritate the throat and respiratory tract. High vapor concentrations may cause central nervous system effects. Symptoms may include headaches, dizziness, and drowsiness.  
**Ingestion:** Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea and even death.  
**Chronic:** Ingestion of ethanol by pregnant women can cause reproductive toxicity to the fetus.

### Section 4: First Aid Measures

**Eyes:** Immediately flush eyes with water for 15-20 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention at once.  
**Skin or Clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.  
**Inhalation:** If symptoms are experienced, move victim to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably







