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## MATERIAL SAFETY DATA SHEET

**MANUFACTURER:** K & K Chemical Co.  
**TELEPHONE NO.:** (800) 327-0646  
**ADDRESS:** 1303 Industrial Drive, Royse City, TX 75189

**PRODUCT:** **BON-AROMA™** MSDS Prepared By: J. Austin Maglothlin, Ph.D.  
**PART NUMBER(S):** **K-502** Revision Date: June 23, 1998

### SECTION I - GENERAL

Chemical Name & Synonym: None  
 Trade Name & Synonyms: BON-AROMA™  
 Chemical Family: Aqueous solution  
 Formula: Trade secret

### SECTION II - HAZARDOUS INGREDIENTS

Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl Benzyl ammonium chlorides	CAS No.	68424-85-1
Isopropanol	CAS No.	67-63-0
Ethanol	CAS No.	64-17-5

### SECTION III - PHYSICAL AND CHEMICAL DATA

Boiling Point (°C): Not determined  
 Vapor Pressure (MM Hg @ 20°C): Not applicable  
 Vapor Density (Air = 1): Not applicable  
 Specific Gravity (H<sub>2</sub>O = 1): 0.988  
 % Volatile by Volume: Not determined  
 Evaporation Rate (H<sub>2</sub>O = 1): Not determined  
 Solubility in Water: Miscible  
 Appearance and Odor: Red fluid with cherry fragrance  
 Others: None

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammable Limits (%):  
 - LEL: Not applicable  
 - UEL: Not applicable  
 Flash Point (Method Used): Does not flash (TCC)  
 Extinguishing Media: Product is non-flammable. Use any media appropriate for surrounding fire.  
 Special Fire Fighting Procedures: None  
 Unusual Fire & Explosion Hazards: None

### SECTION V - HEALTH HAZARD DATA

Route of Entry: Inhalation, ingestion, skin absorption, eye  
 Carcinogenic Assessment: Not listed  
 Threshold Limit Value: Not determined  
 Effects of Overexposure: Inhalation: May cause irritation of the mucous membrane in contact with spray or mist  
 Ingestion: Irritating and may be corrosive to mouth, esophagus and stomach  
 Skin contact: Defatting and irritation. May sensitize skin to future contact. Prolonged contact may be corrosive.  
 Eye Contact: Burning and irritation of the eyes. Prolonged contact may be corrosive.  
 Emergency & First Aid Procedures: Inhalation: Remove victim to fresh air  
 Ingestion: DO NOT INDUCE VOMITING. Drink 3 or 4 glasses of water. Get medical attention.  
 Skin Contact: Wash with soap and water. Remove contaminated clothing.  
 Eye Contact: Flush with water for 15 minutes. If irritation persists, get medical attention.

### SECTION VI - REACTIVITY DATA

Stability: Stable  
 Incompatibility (Materials to Avoid): None  
 Hazardous Decomposition Products: None  
 Hazardous Polymerization: Will not occur

### SECTION VII - SPILL OR LEAK PROCEDURE

Steps To Be Taken In Case Material Is Released Or Spilled: Wash away or mop up with large volumes of water  
 Waste Disposal Method: Dispose of in accordance with all local, state and federal regulations. Rinse container well before discarding in an authorized landfill.

### SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required.  
 Ventilation: Special ventilation is not needed.  
 Protective Gloves: Latex or vinyl  
 Eye Protection: Safety glasses or goggles are recommended.  
 Other Protective Equipment: None.

### SECTION IX - SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing: Store in original shipping containers. Keep closed when not in use. Do not store near heat or open flame. Shelf life is 1 year. Protect from freezing.  
 Other Precautions: Keep out of reach of children. Read & follow label instructions.