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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:** **K-SUPERZONE II™**  
**PART NUMBER(S):** Z-370: Cinnamon II; Z-374: Bionic Breeze Cranberry 2; Z-375: Bionic Breeze Citra 2; Z-376: Autumn Delight II; Z-377: Spearmint II; Z-380: Cherry 2; Z-383: Fantasia II; Z-385: Honeysuckle 2; Z-387: Bionic Breeze All Seasons 2; Z-390: Pina Colada 2; Z-391: Peach II; Z-395: Rainfresh 2

MSDS Prepared By: J.Austin Maglothin, Ph.D.  
Revision Date: January 2, 1998

### SECTION I - GENERAL

Chemical Name & Synonym: Not Applicable  
Trade Name & Synonyms: K-SUPERZONE II™  
Chemical Family: Aqueous solution  
Formula: Trade Secret

### SECTION II - HAZARDOUS INGREDIENTS

Poly(ethylene glycol) 4-nonylphenyl ether CAS No. 127087-87-0  
2-Propanol CAS No. 67-63-0

### SECTION III - PHYSICAL AND CHEMICAL DATA

Boiling Point (°C): Not Determined  
Vapor Pressure (mm Hg @ 20°C): Not Applicable  
Vapor Density (Air = 1): Not Determined  
Specific Gravity (H<sub>2</sub>O = 1): 0.981  
% Volatile by Volume: 2.5%  
Evaporation Rate (H<sub>2</sub>O = 1): Not Determined  
Solubility in Water: Miscible  
Appearance and Odor: Clear, light amber fluid with odor specified by catalog number.  
Others: None

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammable Limits (%):  
- LEL: Not Applicable  
- UEL: Not Applicable  
Flash Point (Method Used): Non-combustible  
Extinguishing Media: Use any appropriate for surrounding fire.  
Special Fire Fighting Procedures: None  
Unusual Fire & Explosion Hazards: None

### SECTION V - HEALTH HAZARD DATA

Route of Entry: Ingestion, eye contact  
Carcinogenic Assessment: Not listed  
Threshold Limit Value: Not Applicable  
Effects of Overexposure: Ingestion: May cause abdominal discomfort, vomiting and diarrhea.  
Eye contact: Irritant  
Emergency & First Aid Procedures: Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention.  
Eye contact: Flush with water for 15 minutes. If irritation persists, get medical attention.

### SECTION VI - REACTIVITY DATA

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

### SECTION VII - SPILL OR LEAK PROCEDURE

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

### SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required  
Ventilation: Normal ventilation is adequate  
Protective Gloves: None required  
Eye Protection: Safety glasses are recommended.  
Other Protective Equipment: None required

### SECTION IX - SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing: Store in original containers for up to one year. Keep closed when not in use. Protect from extreme heat and cold.  
Other Precautions: KEEP OUT OF REACH OF CHILDREN. Read and follow label directions.