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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:** SPOT FREE™ GLASS CLEANER, READY-TO-USE  
**PART NUMBER(S):** K-424

MSDS Prepared By: J.Austin Maglothin, Ph.D.  
Revision Date: June 11, 1998

### SECTION I - GENERAL

Chemical Name & Synonym: Not Applicable  
Trade Name & Synonyms: SPOT FREE™ GLASS CLEANER, READY-TO-USE  
Chemical Family: Aqueous solution  
Formula: Trade Secret

### SECTION II - HAZARDOUS INGREDIENTS

2-Propanol CAS No. 67-63-0

### SECTION III - PHYSICAL AND CHEMICAL DATA

Boiling Point (°C): 99  
Vapor Pressure (mm Hg @ 20°C): Not Determined  
Vapor Density (Air = 1): Not Determined  
Specific Gravity (H<sub>2</sub>O = 1): 0.99  
% Volatile by Volume: 5%  
Evaporation Rate (H<sub>2</sub>O = 1): >1  
Solubility in Water: Miscible  
Appearance and Odor: Clear green fluid with honeysuckle odor

### 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: Use any appropriate for surrounding fire.  
Special Fire Fighting Procedures: None  
Unusual Fire & Explosion Hazards: None

### SECTION V - HEALTH HAZARD DATA

Route of Entry: Eye contact, ingestion  
Carcinogenic Assessment: Not listed  
Threshold Limit Value: Not Applicable  
Effects of Overexposure: Eye contact: Possible irritant  
Ingestion: Can cause gastrointestinal disturbances  
Emergency & First Aid Procedures: Eye contact: Flush with water for 15 minutes. Get medical attention if irritation persists.  
Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get medical attention.

### SECTION VI - REACTIVITY DATA

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

### SECTION VII - SPILL OR LEAK PROCEDURE

Steps To Be Taken In Case Material Is Released Or Spilled: Wash away with water  
Waste Disposal Method: Flush to drain or sewer with plenty of water. 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 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.  
Other Precautions: KEEP OUT OF REACH OF CHILDREN. Read and follow label directions.