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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:** ARMOUR PROTECT ALL™  
**PART NUMBER(S):** K-402  
MSDS Prepared By: J. Austin Maglothin, Ph.D.  
Revision Date: April 2, 2010

### SECTION I - GENERAL

Chemical Name & Synonym: Not Applicable  
Trade Name & Synonyms: ARMOUR PROTECT ALL™  
Chemical Family: Aqueous solution  
Formula: Trade Secret

### SECTION II - HAZARDOUS INGREDIENTS

No hazardous ingredients >1%

### SECTION III - PHYSICAL AND CHEMICAL DATA

Boiling Point (°C): Not Determined  
Vapor Pressure (mm Hg @ 20°C): Not Determined  
Vapor Density (Air = 1): Not Determined  
Specific Gravity (H<sub>2</sub>O = 1): 1.011  
% Volatile by Volume: Not applicable  
Evaporation Rate (H<sub>2</sub>O = 1): Not Determined  
Solubility in Water: Miscible  
Appearance and Odor: Off-white aqueous emulsion with light viscosity and bland odor  
Others:

### 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: Eye contact  
Carcinogenic Assessment: Not listed  
Threshold Limit Value: Not Applicable  
Effects of Overexposure: Possible eye irritant  
Emergency & First Aid Procedures: Eye contact: If product contacts eyes, flush with large amounts of water. If irritation persists, get medical attention.

### SECTION VI - REACTIVITY DATA

Stability: Stable  
Incompatibility (Materials to Avoid): Strong oxidizers  
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 to drain or sewer with plenty of water.  
Waste Disposal Method: Dilute with large volumes of water and flush to drain or sewer. Rinse container well before discarding in an authorized landfill.

### SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required  
Ventilation: Normal ventilation is adequate  
Protective Gloves: Not 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.  
DOT Classification: Not regulated

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