

## MATERIAL SAFETY DATA SHEET

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

**PRODUCT:** MAGNUM CLEAN™  
**PART NUMBER(S):** K-791

MSDS Prepared By: J. Austin Maglothlin, Ph.D.  
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### SECTION I - GENERAL

Chemical Name & Synonym	Not Applicable
Trade Name & Synonyms	MAGNUM CLEAN™
Chemical Family	Aqueous solution
Formula	Trade Secret

### SECTION II - HAZARDOUS INGREDIENTS

Dodecylbenzene sulfonic acid	CAS No.	27176-87-0
Poly (ethylene glycol) 4-nonylphenyl ether	CAS No.	127087-87-0
Ethanol	CAS No.	64-17-5

### SECTION III - PHYSICAL AND CHEMICAL DATA

Boiling Point (°C)	Not determined
Vapor Pressure (mm Hg @ 20°C)	Not determined
Vapor Density (Air = 1)	Not determined
Specific Gravity (H <sub>2</sub> O = 1)	1.031
% Volatile by Volume	3
Evaporation Rate (H <sub>2</sub> O = 1)	Not determined
Solubility in Water	Miscible
Appearance and Odor	Opaque pink viscous liquid with mild floral odor.
PH	6.7

### 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	Ingestion, eye contact
Carcinogenic Assessment	Not listed
Threshold Limit Value	Not Applicable
Effects of Overexposure	Ingestion: May cause gastric disturbances Eye contact: Irritant
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 if irritation persists.

### SECTION VI - REACTIVITY DATA

Stability	Stable
Incompatibility (Materials to Avoid)	Strong oxidizers
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	Rinse away with water.
Waste Disposal Method	Flush to drain or sewer with large amounts 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 are recommended
Other Protective Equipment	None

### 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 Hazard Classification	Not Regulated