

## MATERIAL SAFETY DATA SHEET

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### SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

Material Name: **Soil Test Kit, pH Test Reagent** (1601, 1609, 1612, 1615)  
 (Total contents = 685 mg.)

Ingredients	CAS No.	%	TLV(ACGIH)
Barium Sulfate		GT 99%	
Methyl Red		CA .025%	
Bromothymol Blue		CA .05%	

Ingredients not precisely identified are proprietary or nonhazardous.  
 Values are not product specifications. GT = greater than, LT = less than,  
 CA = approximately.

### SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point:	Unknown
Vapor Pressure (mmHg at 20 C):	Unknown
Solubility in water:	Insoluble
pH:	Unknown
Specific Gravity:	Unknown
Appearance and odor:	White, odorless powder

### SECTION 3 - FIRE AND EXPLOSION DATA

Flash Point and method:	N/A
Autoignition:	No
Flammable limits (STP):	N/A
Extinguishing Media:	N/A
Special fire fighting protective equipment:	None
Unusual fire and explosion hazards:	May evolve toxic fumes in fire.

### SECTION 4 - REACTIVITY DATA

Stability:	Stable under normal conditions.
Incompatibility (materials to avoid):	Oxidizers
Hazardous decomposition products:	N/A
Hazardous polymerization:	Will not occur.

### SECTION 5 - HEALTH HAZARD DATA (Soil Test Kit, pH continued)

**Emergency First Aid Procedures** - Seek medical assistance for further

treatment, observation and support if necessary.

Ingestion: Drink plenty of water. Seek medical advice.  
Eye Contact: Irrigate with water until dispersed.  
Skin Contact: Wash thoroughly with soap and water.  
Inhalation: Clear airways and seek medical advice.  
Other: None known.

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Ventilation: Normal room ventilation.  
Respiratory protection: None required for recommended use.  
Protective clothing: Rubber or plastic gloves.  
Eye protection: Goggles or glasses.  
Other protective equipment: None required.  
Hygienic work practices: Do not smoke while using, as test results may be affected. Wash hands thoroughly after use.

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

Steps to be taken in case material is spilled or released:

Wash away spillage with water.

Waste Disposal Method:

Wash away spillage with water.

Precautions to be taken in handling or storing:

Store tightly closed in original container in dry conditions. Avoid extremes of temperature.

The information herein is given in good faith but no warranty, expressed or implied, is made.