

Schroeder Industries  
**Material Safety Data Sheet**

**BioFuels Mobile Lab Test Kit  
BMLTK-H2OVC12 & BMLGK-H2OVC12**

**1. CHEMICAL PRODUCT and COMPANY IDENTIFICATION**

COMPANY ADDRESS	Schroeder Industries 580 West Park Road Leetsdale, PA 15056 USA Tel +1.724.318.1100 Fax +1.724.318.1200
EMERGENCY PHONE #	1.858.752.1156
TRADE NAME	Water and Visual Appearance Field Test (BMLTK-H2OVC12 & BMLGK-H2OVC12)
GENERIC NAME	Water and Visual Appearance Field Test
DOT SHIPPING NAME	UN/NA
DOT SHIPPING NUMBER	N/AP N/AP
DOT HAZARD CLASS	Not regulated

**2. HAZARDS IDENTIFICATION**

PHYSICAL HAZARDS	None
ACUTE HEALTH EFFECTS	Suspect eye irritation hazard Not a skin irritant based on available data Not expected to be an inhalation hazard Not expected to be a skin absorption hazard Not expected to be an ingestion hazard
CHRONIC HEALTH EFFECTS	No data are available on the chronic health effects of this product.

**3. COMPOSITION and INGREDIENTS**

COMPONENT NAME	CAS NUMBER
Polyethylene glycol	400 25322-68-3
Polypropylene glycol	725 25322-69-4
Polypropylene glycol	1000 25322-69-4
Calcium oxide	1305-78-8
Silicon dioxide	7631-86-9
Phenolphthalein	77-09-8
Soybean oil	8001-22-7

#### 4. PHYSICAL AND CHEMICAL DATA

APPEARANCE	White and clear viscous liquid.
ODOR	Little or no odor.
TASTE	Not available.
MOLECULAR WEIGHT	Not available.
pH (1% soln/water)	Not available.
BOILING POINT	Not available.
MELTING POINT	Not available.
CRITICAL TEMPERATURE	Not available.
SPECIFIC GRAVITY	Not available.
VAPOR PRESSURE	Not available.
VAPOR DENSITY	Not available.
VOLATILITY	Not available.
ODOR THRESHOLD	Not available.
WATER/OIL DIST. COEFF.	Not available.
IONICITY (in Water)	Not available.
DISPERSION PROPERTIES	Not available.
SOLUBILITY	Not available.
STORAGE	Protect against moisture contamination and exposure to high temperatures; Keep tube tightly closed when not in use; Avoid contact strong oxidizing agents

#### 5. OCCUPATIONAL EXPOSURE LIMITS

A PEL or TLV has not been established

#### 6. FIRE AND EXPLOSION

FLASH POINT	110C/230F
AUTOIGNITION TEMP.	N/DA
FLAMMABLE LIMITS (% VOLUME IN AIR)	
LOWER:	N/DA
UPPER:	N/DA

##### FIRE AND EXPLOSION HAZARDS

Do not throw into any fire; potentially combustible ingredients may ignite, causing fire to spread, increasing risk of burns/injuries.

EXTINGUISHING MEDIA	Dry chemical CO2 Water spray Water fog
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##### SPECIAL FIREFIGHTING PROCEDURES

No special procedures required. Fire should be extinguished as quickly as possible with any of the above recommended extinguishing media.

# MSDS for WATER AND VISUAL APPEARANCE TEST KITS

## 7. HEALTH HAZARDS

### ROUTES OF EXPOSURE

#### INHALATION

Although no appropriate human or animal health effects data are known to exist, this material is not expected to be an inhalation hazard.

#### EYE CONTACT -- PRIMARY ROUTE

Although no appropriate human or animal health effects data are known to exist, this material is expected to cause eye irritation. Symptoms may include burning sensation, tearing, redness, and swelling.

#### SKIN ABSORPTION

Although no appropriate human or animal health effects data are known to exist, this material is not expected to be a health hazard by skin absorption.

#### SKIN IRRITATION -- PRIMARY ROUTE

This material is not expected to cause skin irritation based on available test data.

#### INGESTION

Although no appropriate human or animal health effects data is known to exist, this material is not expected to be an ingestion hazard.

#### MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

This material or its emissions may cause damage to kidney and liver and/or aggravate existing disorders.

## 8. PROTECTIVE EQUIPMENT / CONTROL MEASURES

### RESPIRATORY PROTECTION

No special respiratory protection equipment is recommended under anticipated conditions of normal use with adequate ventilation.

### EYE PROTECTION

Eye protection such as chemical splash goggles and/or face shield must be worn when possibility exists for eye contact due to splashing or spraying liquid, airborne particles, or vapor. Contact lenses should not be worn.

### SKIN PROTECTION

Depending on the conditions of use, protective gloves, apron, boots, head and face protection should be worn. This equipment should be cleaned thoroughly after each use.

### ENGINEERING CONTROLS

No special ventilation is recommended under anticipated conditions of normal use beyond that needed for normal comfort control.

### OTHER HYGIENIC PRACTICES

Not applicable.

### OTHER WORK PRACTICES

No special work practices are needed beyond the above recommendations under anticipated conditions of normal use.

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## 09. EMERGENCY AND FIRST AID

### INHALATION

Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

### EYE CONTACT

In case of eye contact, immediately rinse with clean water for 20-30 minutes. Retract eyelids often. Obtain emergency medical attention.

### SKIN CONTACT

Remove contaminated clothing as needed. Wash skin thoroughly with mild soap/water. Flush with lukewarm water for 15 minutes. If sticky, use waterless cleaner first.

### INGESTION

Ingestion unlikely. However, if ingested, obtain emergency medical attention.

### EMERGENCY MEDICAL TREATMENT PROCEDURES

Treat symptomatically.

## 10. SPILL AND DISPOSAL

### PRECAUTIONS IF MATERIAL IS SPILLED OR RELEASED

No significant environmental hazard or adverse effect from human exposure resulting from an accidental release of this material is anticipated.

### WASTE DISPOSAL METHODS

When discarded in its purchased form, this product is not a RCRA hazardous waste. However, it is the responsibility of the generator to determine at the time of disposal whether the product meets the criteria of a hazardous waste. Comply with all applicable federal, state and local regulations. Waste disposal options include land-filling solids at permitted sites. Use registered transporters.

## 11. ADDITIONAL PRECAUTIONS

### HANDLING AND STORAGE PROCEDURES

Keep out of reach of children.

Keep tube tightly closed when not in use. Protect against moisture contamination and exposure to high temperatures. Prevent contact with strong oxidizing agents.

### DECONTAMINATION PROCEDURES

No special decontamination procedures needed.

## 12. LABEL INFORMATION

USE STATEMENT

FOR INDUSTRIAL USE ONLY

SIGNAL WORD

CAUTION

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## HEALTH HAZARDS

MAY CAUSE EYE IRRITATION

## PRECAUTIONARY MEASURES

AVOID CONTACT WITH EYES AND SKIN.  
WASH THOROUGHLY AFTER HANDLING.  
KEEP CONTAINER CLOSED WHEN NOT IN USE.  
AVOID CONTACT WITH STRONG OXIDIZING AGENTS.  
AVOID EXPOSURE TO HIGH TEMPERATURES.  
PROTECT AGAINST MOISTURE CONTAMINATION.  
KEEP OUT OF REACH OF CHILDREN.  
NOT FOR INTERNAL CONSUMPTION/DO NOT SWALLOW  
BEFORE USING PRODUCT, READ MATERIAL SAFETY DATA  
SHEET (MSDS).

## 13. SUPPLEMENT

### HMIS RATING

Health	1
Flammability	1
Reactivity	1
Personal protection	D

### REGULATORY INFORMATION

#### TSCA status:

TSCA status: All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

#### California Proposition 65 Information:

This product contains the following substance known to the state of California to cause cancer: phenolphthalein

### INTERNATIONAL STATUS

Australia (AICS): included on inventory  
Canada (DSL): included on inventory  
China (CECS): included on inventory  
Europe (EINECS): not included on inventory  
Japan (ENCS): included on inventory  
Korea (ECL): included on inventory  
Philippines (PICCS): included on inventory

\*Note - qualifiers and codes used in this MSDS

EQ = Equal; AP = Approximately; LT = Less Than; GT = Greater Than;  
TR = Trace; UK = Unknown; N/AP = Not Applicable; N/P = No Applicable  
Information Found; N/DA = No Data Available

## 14. DISCLAIMERS

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express

## MSDS for WATER AND VISUAL APPEARANCE TEST KITS

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