

Schroeder Industries
Material Safety Data Sheet

**BioFuels Mobile Lab Test Glycerin Kits
BMLTK-TG6 & BMLGK-TG6**

1. CHEMICAL PRODUCT and COMPANY IDENTIFICATION

COMPANY	Schroeder Industries
ADDRESS	580 West Park Road Leetsdale, PA 15056 Tel +1.724.318.1100 Fax +1.724.318.1200
EMERGENCY PHONE #	1.858.752.1156
TRADE NAME	Total Glycerin Field Test (BMLTK-TG6 & BMLGK-TG6)
GENERIC NAME	Total Glycerin Field Test

2. CHEMICAL IDENTIFICATION

Hazards identified with this product are those associated with the following components. Refer to the material safety data sheets for the listed items.

Chromogens	<0.3%
Enzymes	<5.0%
Sodium azide	0.05%

3. HAZARDS IDENTIFICATION

Emergency Overview

Sodium azide may react with lead and copper plumbing to form highly explosive metal azides.

HMIS Rating

Health: 0 Flammability: 0 Reactivity: 1

NFPA Rating

Health: 0 Flammability: 0 Reactivity: 1

4. FIRST AID MEASURES

Oral Exposure

If swallowed, wash out mouth with water provided person is conscious. Call a physician immediately.

Inhalation Exposure

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

MSDS for TOTAL GLYCERIN BIO TEST KIT

Dermal Exposure

In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. See a physician.

Eye Exposure

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

5. FIRE FIGHTING MEASURES

Explosion Hazards

Azide reacts with many heavy metals such as lead, copper, mercury, silver, gold to form explosive compounds. Copper and lead azides are more sensitive than nitroglycerine. Azide reacts with metal halides to give a range of metal azide halides, many of which are explosive.

Incompatible with chromyl chloride, hydrazine, bromine, carbon disulfide, dimethyl sulfate, dibromomalonitrile.

Auto-ignition Temperature

Not Available

Extinguishing Media Suitable

Water spray, carbon dioxide, dry chemical powder, or appropriate foam.

Firefighting

Protective equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific hazards: Emits toxic fumes under fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Procedures of Personal Precautions

Wear NIOSH/MSHA-approved respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

Methods for Cleaning Up

Spilled material should be carefully wiped up or moistened with water and removed. Ventilate area and wash spill site after material pickup is complete.

7. HANDLING AND STORAGE

Handling

User exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Storage

Keep tightly closed. Store in a cool dry place.

8. PROTECTIVE EQUIPMENT / CONTROL MEASURES

Engineering Controls

Safety shower and eye bath.
Local or general mechanical exhaust required.

Personal Protective Equipment

Hand: Compatible chemical-resistant gloves
Eye: Safety glasses minimum.

General Hygiene Measures

Wash thoroughly after handling.
Wash contaminated clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state: liquid

10. STABILITY AND REACTIVITY

Stability

Stable

Materials to Avoid

Dimethyl sulfate is incompatible with sodium azide.

Hazardous Decomposition Products

Nature of decomposition products not known.

Hazardous Polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION

Route of Exposure

Skin contact: May cause irritation.

Skin absorption: May be harmful if absorbed through the skin.

Eye contact: May cause eye irritation.

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Appropriate Method of Disposal

Contact a licensed professional waste disposal service to dispose of this material.
Observe all federal, state, and local environmental regulations.

14. TRANSPORT INFORMATION

DOT

Proper shipping name: None
Non-hazardous for transport.

Data

Proper shipping name: None
Non-hazardous for transport.

15. REGULATORY INFORMATION

U.S. Classification and Label Text

U.S. statements

Sodium azide may react with lead and copper plumbing to form highly explosive metal azides.

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Fleet Biodiesel, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.