SECTION 1: CHEMICAL IDENTIFICATION

PRODUCT NAME:  Lysis Solution

CATALOG NUMBER:  4850-20-01

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

CAS#: none

Hazardous Ingredients
Contains guanidine thiocyanate, chemical abstracts registry number 593-84-0

SECTION 3: HAZARDS IDENTIFICATION

Label Precautionary Statements
Harmful
Harmful by inhalation, in contact with skin and if swallowed.
Irritating to eyes, respiratory system, and skin.
Contact with acids liberates toxic gas.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Wear suitable protective clothing.

SECTION 4: FIRST-AID MEASURES

In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes.
If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen.
If swallowed, wash out mouth with water provided person is conscious. Call a physician.
Wash contaminated clothing before reuse.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media
Water spray.
Carbon dioxide, dry chemical powder or appropriate foam.

Special fire fighting procedures
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosion hazards
Emits toxic fumes under fire conditions

CONTINUED ON NEXT PAGE
SECTION 6: ACCIDENTAL RELEASE MEASURES

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

SECTION 7: HANDLING AND STORAGE

Refer to section 8.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical safety goggles.
Compatible chemical-resistant gloves.
NIOSH/MSHA-Approved respirator
Safety shower and eye bath.
Mechanical exhaust required.
Do not get in eyes, on skin, on clothing.
Avoid contact and inhalation.
Wash thoroughly after handling.
Keep tightly closed.
Store in a cool dry place.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor.
Liquid.

SECTION 10: STABILITY AND REACTIVITY

Incompatibilities
Strong oxidizing agents
Acids
Fluorine
Heating to decomposition or contact with acids or scid vapors can liberate poisonous cyanide vapors.

Hazardous combustion or decomposition products.
Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute effects
Harmful if swallowed, inhaled or absorbed through skin.
Vapor is irritating to the eyes, mucous membranes and upper respiratory tract.
Causes skin irritation.
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: ECOLOGICAL INFORMATION

Data not yet available.

CONTINUED ON NEXT PAGE
SECTION 13: DISPOSAL CONSIDERATIONS

Mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SECTION 14: TRANSPORT INFORMATION

Contact Trevigen for transportation information.

SECTION 15: REGULATORY INFORMATION

European Information
Caution: substance not fully tested.
Harmful
R 20/21/22
Harmful by inhalation, in contact with skin and if swallowed.
R 36/37/38
Irritating to eyes, respiratory system and skin.
R 31
Contact with acid liberates toxic gas.
S 26
In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
S 36
Wear suitable protective clothing.

SECTION 16: OTHER INFORMATION

The above information is believed to be correct, however, the physical, chemical, and toxicological properties of the product may not yet have been fully characterized. Trevigen recommends the use of gloves, lab coats and eye protection while using or handling this product. Trevigen assumes no liability for damage resulting from handling or contact with the above product.