SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

Product Identifier
Product form: Mixture
Product name: Ecopol-HTSL
Synonyms: High Temp Gel Stabilizer

Intended Use Of The Product
Use of the substance/mixture: Gel stabilizer

Name, Address, And Telephone Of The Responsible Party
Economy® Polymers & Chemicals
435 E. Anderson Road
77047 Houston, TX
T 713-723-8416; 1-800-231-2066
www.economypolymers.com

Emergency Telephone Number
Emergency number: CHEMTREC 1-800-424-9300 (US); 703-527-3887 (International, collect calls are accepted)

SECTION 2: HAZARDS IDENTIFICATION

Classification Of The Substance Or Mixture
GHS-US classification
Not classified

Label Elements
GHS-US labeling No labeling applicable

Other Hazards
Unknown acute toxicity (GHS US) Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Identifier</th>
<th>% (w/w)</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>(CAS No.) 7732-18-5</td>
<td>60-70</td>
<td>Not classified</td>
</tr>
<tr>
<td>Sodium thiosulfate</td>
<td>(CAS No.) 7772-98-7</td>
<td>30-40</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

Description Of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation persists.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persist.

Ingestion: Rinse mouth. Do NOT induce vomiting. Get medical advice and attention if you feel unwell.

Most Important Symptoms And Effects Both Acute and Delayed

General: Not available

Inhalation: Prolonged exposure to liquid may cause a mild irritation.
**Skin Contact**: Contact during a long period may cause light irritation.

**Eye Contact**: Repeated or prolonged contact will cause irritation.

**Ingestion**: Ingestion may cause nausea, vomiting and diarrhea. Gastrointestinal irritation. 

**Chronic symptoms**: Not available

**Indication Of Any Immediate Medical Attention And Special Treatment Needed**
If you feel unwell, seek medical advice (show the label where possible).

### SECTION 5: FIREFIGHTING MEASURES

**Extinguishing Media**

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media: Not available.

**Special Hazards Arising From The Substance Or Mixture**

**Fire hazard**: Not considered flammable but may burn at high temperatures.

**Explosion hazard**: Product is not explosive.

**Reactivity**: Stable at ambient temperature and under normal conditions of use.

**Advice For Firefighters**

Precautionary measures fire: Not available.

Firefighting instructions: Exercise caution when fighting any chemical fire.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Sulfur oxides.

**Other information**: Do not allow run-off from fire fighting to enter drains or water courses.

**Reference To Other Sections**
Refer to section 9 for flammability properties.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment And Emergency Procedures** Not available

For Non-Emergency Personnel

Protective equipment: Use appropriate personal protection equipment (PPE).

Emergency procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.

**Environmental Precautions**

Prevent entry to sewers and public waters.

**Methods And Material For Containment And Cleaning Up**

For containment: Absorb and/or contain spill with inert material, then place in suitable container. Contain and collect as any solid.

Methods for cleaning up: Clear up spills immediately and dispose of waste safely.

**Reference To Other Sections**

See heading 8, exposure controls and personal protection.

### SECTION 7: HANDLING AND STORAGE

**Precautions For Safe Handling**

Hygiene measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

**Conditions For Safe Storage, Including Any Incompatibilities**

Storage conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

Specific End Use(s)
Gel stabilizer

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters
No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

Exposure Controls
Appropriate engineering controls: Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal protective equipment: Gloves. Protective clothing. Safety glasses.

Materials for protective clothing: Not available

Hand protection: Wear chemically resistant protective gloves.

Eye protection: Chemical goggles or safety glasses.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of vapor or mist are expected to exceed exposure limits.

Other information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information On Basic Physical And Chemical Properties

Physical state: Liquid
Appearance: Clear, Transparent
Odour: Sulfur
Odour threshold: Not available
pH: 6 - 9
Relative evaporation rate (butylacetate=1): Not available
Melting point: < -10 °C (14°F)
Freezing point: Not available
Boiling point: Not available
Flash point: > 100 °C (212°F)
Auto-ignition temperature: Not available
Decomposition Temperature: Not available
Flammability (solid, gas): Not available
Lower flammable limit: Not available
Upper flammable limit: Not available
Vapour pressure: Not available
Relative vapour density at 20 °C: Not available
Relative density: Not available
Specific gravity density: 1.31
Solubility: Soluble in water
Log Pow: Not available
Log Kow: Not available
Viscosity, kinematic: Not available
**Ecopol-HTSL**

Safety Data Sheet  
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### Viscosity, dynamic
Not available

### Explosion data - sensitivity to mechanical impact
Not available

### Explosion data - sensitivity to static discharge
Not available

#### SECTION 10: STABILITY AND REACTIVITY

**Reactivity**  
Stable at ambient temperature and under normal conditions of use

**Chemical Stability**  
Stable under normal conditions.

**Possibility Of Hazardous Reactions**  
Hazardous polymerization will not occur.

**Conditions To Avoid**  
Direct sunlight. Extremely high or low temperatures.

**Incompatible Materials**  

**Hazardous Decomposition Products**  
Carbon oxides (CO, CO2). Sulfur oxides.

#### SECTION 11: TOXICOLOGICAL INFORMATION

**Information On Toxicological Effects - Product**

**Acute toxicity**  
Not classified

**LD50 and LC50 Data**  
Not available

**Skin corrosion/irritation**  
Not classified pH: 6 - 9

**Serious eye damage/irritation**  
Not classified pH: 6 - 9

**Respiratory or skin sensitisation**  
Not classified

**Germ cell mutagenicity**  
Not classified

**Teratogenicity**  
Not available

**Carcinogenicity**  
Not classified

**Specific target organ toxicity (repeated exposure)**  
Not classified

**Reproductive toxicity**  
Not classified

**Specific target organ toxicity (single exposure)**  
Not classified

**Aspiration hazard**  
Not classified

**Symptoms/injuries after inhalation**  
Prolonged exposure to liquid may cause a mild irritation.

**Symptoms/injuries after skin contact**  
Contact during a long period may cause light irritation.

**Symptoms/injuries after eye contact**  
Repeated or prolonged contact will cause irritation.

**Symptoms/injuries after ingestion**  
Ingestion may cause nausea, vomiting and diarrhea. Gastrointestinal irritation.

**Information On Toxicological Effects - Ingredient(s)**

**LD50 and LC50 Data**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>LD50 or LC50 Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium thiosulfate (7772-98-7)</td>
<td>LD50 oral rat &gt; 5000 mg/kg</td>
</tr>
</tbody>
</table>

#### SECTION 12: ECOLOGICAL INFORMATION

**Toxicity**

<table>
<thead>
<tr>
<th>Sodium thiosulfate (7772-98-7)</th>
<th>LC50 fishes 1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>24000 mg/l (Exposure time: 96 h - Species: Gambusia affinis [static])</td>
</tr>
</tbody>
</table>

**Persistence And Degradability**

<table>
<thead>
<tr>
<th>Ecopol-HTSL</th>
<th>Persistence and degradability</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not established.</td>
</tr>
</tbody>
</table>

**Bioaccumulative Potential**

<table>
<thead>
<tr>
<th>Ecopol-HTSL</th>
<th>Bioaccumulative potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not established.</td>
</tr>
</tbody>
</table>

**Mobility In Soil**  
Not available

**Other Adverse Effects**

**Other information**  
Avoid release to the environment.
Ecopol-HTSL
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 13: DISPOSAL CONSIDERATIONS
Waste disposal recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

SECTION 14: TRANSPORT INFORMATION
In accordance with ICAO/IATA/DOT/TDG
UN Number Not regulated for transport
UN Proper Shipping Name Not regulated for transport
Additional information Not regulated for transport
Overland transport Not regulated for transport
Transport by sea Not regulated for transport
Air transport Not regulated for transport

SECTION 15: REGULATORY INFORMATION
US Federal regulations
Sodium thiosulfate (7772-98-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Water (7732-18-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

US State regulations
Sodium thiosulfate (7772-98-7)
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term

Canadian regulations
Ecopol-HTSL
WHMIS Classification Uncontrolled product according to WHMIS classification criteria
Sodium thiosulfate (7772-98-7)
Listed on the Canadian DSL (Domestic Substances List) inventory.
WHMIS Classification Uncontrolled product according to WHMIS classification criteria
Water (7732-18-5)
Listed on the Canadian DSL (Domestic Substances List) inventory.
WHMIS Classification Uncontrolled product according to WHMIS classification criteria

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.

SECTION 16: OTHER INFORMATION
Revision date: 08/23/2013
Data Sources: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible For The Preparation Of This Document:
Economy Polymers & Chemicals
435 E. Anderson Road Houston, TX 77047
713-723-8416; 1-800-231-2066

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.