SECTION 1: IDENTIFICATION

1.1. Product Identifier
Product Form: Mixture
Product Name: TEG® 6s Abnormal and Lysis QC Vial 1

1.2. Intended Use of the Product
Use of the Substance/Mixture: Use as quality control for the TEG® 6s Analyzer.

1.3. Name, Address, and Telephone of the Responsible Party
Company
Haemonetics
125 Summer St.
Boston, MA 02111
(781) 848-7100

1.4. Emergency Telephone Number
Emergency Number: Contact the Health, Safety, and Environment Department - (781) 848-7100
For Hazardous Materials [or Dangerous Goods] Incident
Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300; Outside USA and Canada: +1 703-741-5970 (collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture
Not classified

2.2. Label Elements
GHS-US Labeling
No labeling applicable according to 29 CFR 1910.1200.

2.3. Other Hazards
This product, as with all animal or human based specimens, should be handled with proper laboratory safety procedures to minimize the risk of transmission of infectious disease. Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)
No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance
Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Synonyms</th>
<th>Product Identifier</th>
<th>%</th>
<th>GHS US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citrated Bovine Plasma</td>
<td>Not available</td>
<td>(CAS-No.) Not available</td>
<td>40 - 60</td>
<td>Not classified</td>
</tr>
<tr>
<td>Water</td>
<td>AQUA / Aqua</td>
<td>(CAS-No.) 7732-18-5</td>
<td>38 - 58</td>
<td>Not classified</td>
</tr>
<tr>
<td>Blood-coagulation factor III</td>
<td>Not available</td>
<td>(CAS-No.) 9035-58-9</td>
<td>1 - 2</td>
<td>Comb. Dust</td>
</tr>
<tr>
<td>Sodium chloride</td>
<td>Sea salt / Sodium chloride (NaCl) / SODIUM CHLORIDE / Sodium salt of hydrochloric acid / Salt / SEA SALT</td>
<td>(CAS-No.) 7647-14-5</td>
<td>0.9</td>
<td>Not classified</td>
</tr>
<tr>
<td>1-Piperazineethanesulfonic</td>
<td>4-[2-Hydroxyethyl]piperazin-1-ylethanesulfonic acid / Hydroxyethylpiperazine ethane sulfonic acid / HYDROXYETHYLPIPERAZINE ETHANE SULFONIC ACID / Piperazine, 1-(ethylsulfonic acid)-4-[2-hydroxyethyl]-</td>
<td>(CAS-No.) 7365-45-9</td>
<td>0.5</td>
<td>Not classified</td>
</tr>
<tr>
<td>acid, 4-(2-hydroxyethyl)-</td>
<td>HYDROXYETHYLPIPERAZINE ETHANE SULFONIC ACID / Piperazine, 1-(ethylsulfonic acid)-4-[2-hydroxyethyl]-</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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TEG® 6s Abnormal and Lysis QC Vial 1
Safety Data Sheet
According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th></th>
<th>Aminoacetic acid / GLYCINE / 2-</th>
<th>(CAS-No.) 56-40-6</th>
<th>0.46</th>
<th>Comb. Dust</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycine</td>
<td>Aminoacetic acid / Aminoethanoic acid</td>
<td>(CAS-No.) 26628-22-8</td>
<td>0.02</td>
<td>Acute Tox. 2 (Oral), H300 Acute Tox. 1 (Dermal), H310 STOT SE 1, H370 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Comb. Dust</td>
</tr>
</tbody>
</table>
Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions
Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up
For Containment: Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams. Avoid generation of dust during clean-up of spills.
Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Recover the product by vacuuming, shoveling or sweeping. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections
See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling
Additional Hazards When Processed: Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion. Keep dust levels to a minimum and follow applicable regulations.
Precautions for Safe Handling: Avoid prolonged contact with eyes, skin and clothing. Avoid breathing dust. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities
Technical Measures: Comply with applicable regulations.
Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
Incompatible Materials: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)
Use as quality control for the TEG® 6s Analyzer.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters
For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

<table>
<thead>
<tr>
<th>Sodium azide (26628-22-8)</th>
<th>USA ACGIH ACGIH Ceiling (mg/m³)</th>
<th>0.29 mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>USA ACGIH ACGIH Ceiling (ppm)</td>
<td>0.11 ppm</td>
</tr>
<tr>
<td></td>
<td>USA ACGIH ACGIH chemical category</td>
<td>Not Classifiable as a Human Carcinogen</td>
</tr>
<tr>
<td></td>
<td>USA NIOSH NIOSH REL (ceiling) (mg/m³)</td>
<td>0.3 mg/m³</td>
</tr>
<tr>
<td></td>
<td>USA NIOSH NIOSH REL (ceiling) (ppm)</td>
<td>0.1 ppm</td>
</tr>
</tbody>
</table>

8.2. Exposure Controls
Appropriate Engineering Controls: Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Materials for Protective Clothing: Chemically resistant materials and fabrics.
Hand Protection: Wear protective gloves.
Eye and Face Protection: Chemical safety goggles.
Skin and Body Protection: Wear suitable protective clothing.
Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.
Other Information: When using, do not eat, drink or smoke.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State: Solid
Appearance: Yellowish to light amber lyophilized powder
Odor: No data available
Odor Threshold: No data available
pH: 7.3 - 7.9
Evaporation Rate: No data available
Melting Point: No data available
Freezing Point: No data available
Boiling Point: No data available
Flash Point: No data available
Auto-ignition Temperature: No data available
Decomposition Temperature: No data available
Flammability (solid, gas): No data available
Vapor Pressure: No data available
Relative Vapor Density at 20°C: No data available
Relative Density: No data available
Solubility: No data available
Partition Coefficient: N-Octanol/Water: No data available
Viscosity: No data available

9.2. Other Information
No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:
Hazardous reactions will not occur under normal conditions.

10.2. Chemical Stability:
Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of Hazardous Reactions:
Hazardous polymerization will not occur.

10.4. Conditions to Avoid:
Direct sunlight, extremely high temperatures, and incompatible materials. Dust accumulation (to minimize explosion hazard).

10.5. Incompatible Materials:
Strong acids, strong bases, strong oxidizers.

10.6. Hazardous Decomposition Products:
Not expected to decompose under ambient conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity (Oral): Not classified
Acute Toxicity (Dermal): Not classified
Acute Toxicity (Inhalation): Not classified

1-Piperazineethanesulfonic acid, 4-(2-hydroxyethyl)-(7365-45-9)
LD50 Oral Rat: > 2000 mg/kg
LD50 Dermal Rat: > 2000 mg/kg

Sodium azide (26628-22-8)
LD50 Oral Rat: 27 mg/kg
LD50 Dermal Rabbit: 20 mg/kg

Sodium chloride (7647-14-5)
LD50 Oral Rat: 3550 mg/kg (Species: Wistar)
LD50 Dermal Rabbit: > 10000 mg/kg (Species: New Zealand White)
LC50 Inhalation Rat: > 42 g/m³ (Exposure time: 1 h)

Glycine (56-40-6)
LD50 Oral Rat: 7930 mg/kg

Skin Corrosion/Irritation: Not classified (pH: 7.3 - 7.9)
Serious Eye Damage/Irritation: Not classified (pH: 7.3 - 7.9)
Respiratory or Skin Sensitization: Not classified
Germ Cell Mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive Toxicity: Not classified
Specific Target Organ Toxicity (Single Exposure): Not classified
Specific Target Organ Toxicity (Repeated Exposure): Not classified
Aspiration Hazard: Not classified
Symptoms/Injuries After Inhalation: Dust may be harmful or cause irritation.
Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.
Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.
Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.
Chronic Symptoms: None known.

SECTION 12: ECOLOGICAL INFORMATION
12.1. Toxicity
Ecology - General: Not classified.
1-Piperazineethanesulfonic acid, 4-(2-hydroxyethyl) (7365-45-9)
| LC50 Fish 1 | > 100 mg/l (Exposure Time: 96 h - Species: Brachydanio rerio) |
| EC50 Daphnia 1 | > 100 mg/l (Exposure Time: 48 h - Species: Daphnia magna) |
| NOEC Chronic Fish | >= 100 mg/l (Test Duration: 96 h - Species: Brachydanio rerio) |
| NOEC Chronic Crustacea | 0.0178 g/l (Daphnia magna) |
| NOEC Chronic Algae | > 100 mg/l |
Sodium azide (26628-22-8)
| LC50 Fish 1 | 0.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss) |
| LC50 Fish 2 | 0.7 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus) |
| ErC50 (Algae) | 0.348 mg/l |
Sodium chloride (7647-14-5)
| LC50 Fish 1 | 5560 (5560 - 6080) mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through]) |
| EC50 Daphnia 1 | 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| LC50 Fish 2 | 12946 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) |
| EC50 Daphnia 2 | 340.7 (340.7 - 469.2) mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) |
| NOEC Chronic Fish | 252 mg/l (Species: Pimephales promelas) |
Glycine (56-40-6)
| LC50 Fish 1 | > 1000 mg/l (Exposure time: 96 h - Species: Oryzias latipes [static]) |
12.2. Persistence and Degradability
TEG® 6s Abnormal and Lysis QC Vial 1
Persistence and Degradability: Not established.
12.3. Bioaccumulative Potential
TEG® 6s Abnormal and Lysis QC Vial 1
Bioaccumulative Potential: Not established.
Sodium chloride (7647-14-5)
| BCF Fish 1 | (no bioaccumulation) |
12.4. Mobility in Soil: No additional information available
12.5. Other Adverse Effects
Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS
13.1. Waste Treatment Methods
Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.
Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION
The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.
14.1. In Accordance with DOT: Not regulated for transport
14.2. In Accordance with IMDG: Not regulated for transport
14.3. In Accordance with IATA: Not regulated for transport

SECTION 15: REGULATORY INFORMATION
15.1. US Federal Regulations
1-Piperazineethanesulfonic acid, 4-(2-hydroxyethyl) (7365-45-9)
### TEG® 6s Abnormal and Lysis QC Vial 1

**Safety Data Sheet**

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th>Listed on the United States TSCA (Toxic Substances Control Act) inventory</th>
<th>Blood-coagulation factor III (9035-58-9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
<td>EPA TSCA Regulatory Flag</td>
</tr>
<tr>
<td></td>
<td>XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).</td>
</tr>
</tbody>
</table>

### Sodium azide (26628-22-8)

<table>
<thead>
<tr>
<th>Listed on the United States TSCA (Toxic Substances Control Act) inventory</th>
<th>Subject to reporting requirements of United States SARA Section 313</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the United States SARA Section 302</td>
<td>CERCLA RQ</td>
</tr>
<tr>
<td></td>
<td>SARA Section 302 Threshold Planning Quantity (TPQ)</td>
</tr>
<tr>
<td></td>
<td>1000 lb (this material is a reactive solid, the TPQ does not default to 10000 pounds for non-powder, non-molten, non-solution form)</td>
</tr>
</tbody>
</table>

### Sodium chloride (7647-14-5)

<table>
<thead>
<tr>
<th>Listed on the United States TSCA (Toxic Substances Control Act) inventory</th>
<th>Water (7732-18-5)</th>
</tr>
</thead>
</table>

### Glycine (56-40-6)

<table>
<thead>
<tr>
<th>Listed on the United States TSCA (Toxic Substances Control Act) inventory</th>
<th>EPA TSCA Regulatory Flag</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TP - TP - indicates a substance that is the subject of a proposed Section 4 test rule under TSCA.</td>
</tr>
</tbody>
</table>

### 15.2. US State Regulations

<table>
<thead>
<tr>
<th>Sodium azide (26628-22-8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. - Massachusetts - Right To Know List</td>
</tr>
<tr>
<td>U.S. - New Jersey - Right to Know Hazardous Substance List</td>
</tr>
<tr>
<td>U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List</td>
</tr>
<tr>
<td>U.S. - Pennsylvania - RTK (Right to Know) List</td>
</tr>
</tbody>
</table>

### SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

<table>
<thead>
<tr>
<th>Date of Preparation or Latest Revision</th>
<th>Other Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>02/17/2020</td>
<td>This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200</td>
</tr>
</tbody>
</table>

**GHS Full Text Phrases:**

<table>
<thead>
<tr>
<th>Acute Tox. 1 (Dermal)</th>
<th>Acute toxicity (dermal) Category 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 2 (Oral)</td>
<td>Acute toxicity (oral) Category 2</td>
</tr>
<tr>
<td>Aquatic Acute 1</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 1</td>
</tr>
<tr>
<td>Aquatic Chronic 1</td>
<td>Hazardous to the aquatic environment - Chronic Hazard Category 1</td>
</tr>
<tr>
<td>Comb. Dust</td>
<td>Combustible Dust</td>
</tr>
<tr>
<td>STOT RE 1</td>
<td>Specific target organ toxicity (repeated exposure) Category 1</td>
</tr>
<tr>
<td>STOT SE 1</td>
<td>Specific target organ toxicity (single exposure) Category 1</td>
</tr>
<tr>
<td>H300</td>
<td>Fatal if swallowed</td>
</tr>
<tr>
<td>H310</td>
<td>Fatal in contact with skin</td>
</tr>
<tr>
<td>H370</td>
<td>Causes damage to organs</td>
</tr>
<tr>
<td>H372</td>
<td>Causes damage to organs through prolonged or repeated exposure</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life</td>
</tr>
<tr>
<td>H410</td>
<td>Very toxic to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

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.

SDS US (GHS HazCom)