Section 1: Identification

Trade Name (s): DyeTechs 6155
Intended Use: Textile dye fixing agent
Company Name: American Textile, LLC.
3235 Satellite Boulevard
Building 400, Suite 300
Duluth, Georgia 30096
USA
Phone No.: 770 291-2226
Person Responsible: Anthony Upchurch
Email Address: aupchurch@americantextilellc.com
Emergency Phone No.: 1-770 291-2226
Chemtrec Phone Nos.: USA 1-800 424-9300
International 1-703 527-3887

Section 2: Hazardous Identification

Classification: Not Classified
Signal Word: None
Pictograms: None

Hazard Statements: None

Precautionary Statements: None

Other Hazards: Spills produce extremely slippery surfaces.
Section 3: Composition / Information on Ingredients

Chemical Name: Polyamine, modified

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>EINECS</th>
<th>ELINCS</th>
<th>Content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymer</td>
<td></td>
<td></td>
<td></td>
<td>&lt; 25%</td>
<td></td>
</tr>
</tbody>
</table>

Section 4: First Aid Measures

General: Remove contaminated clothing.

Inhalation: Remove to fresh air. No hazards which require special first aid measures.

Skin Contact: Wash thoroughly with soap and water. If irritation occurs consult a physician.

Eye Contact: Flush with plenty of water for at least 15 minutes. Alternatively, rinse immediately with Diphoterine. Seek medical attention.

Ingestion: Rinse mouth with water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

Symptoms and Effects: None under normal use.

Medical Attention: None reasonably foreseeable.

Section 5: Fire-Fighting Measures


Protective Equipment and Precautions: Wear Self-contained breathing apparatus and full protective suit. Use water spray to cool exposed containers. Spills produce extremely slippery surfaces.

Section 6: Accidental Release Measures

Personal Precautions: Equip cleanup crew with proper protective equipment. Ventilate the area. Keep away unprotected persons. See Section 8. Product becomes slippery when wet.

Emergency Procedures: Evacuate unnecessary personnel. Prevent from spreading (e.g. by damming or oil barrier).

Environmental Precautions: Prevent entry to sewers and public waters. Notify authorities is entry to sewers or public waters occurs.

Methods for Containment: Do not flush with water. Dam up. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

Cleanup Procedure: Sweep or shovel into suitable containers. Dispose of in accordance with local regulations. See Sections 7, 8, 13.
**Precautions for Safe Handling:**
Avoid contact with skin and eyes. Renders surfaces extremely slippery when spilled.
When using, do not eat, drink or smoke.

**Incompatible Materials:**
Strong oxidizing agents.

**Conditions for Safe Storage:**
Keep away from heat and sources of ignition. Freezing will affect the physical condition and may damage the material.

**Section 8. Exposure Controls / Personal Protection**

**Exposure Limit Values:**
None

**Engineering Controls:**
Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mist.

**Occupational Exposure Controls:**
Avoid unnecessary exposure. Keep away from food and beverages. Wash hands regularly.

**Pictograms:**

**Respiratory Protection:**
Not normally required.

**Hand Protection:**
Wear chemically protective gloves.

**Eye Protection:**
Wear protective goggles. Make available emergency eye-wash station.

**Skin and Body Protection:**
Wear chemically protective apron.

**Section 9: Physical and Chemical Properties**

**Appearance:**
Yellow viscous liquid

**Odor:**
None

**Odor Threshold:**
Not applicable

**pH:**
10% in water: 3 - 6

**Melt Point / Freeze Point:**
< 0° C

**Boiling Point / Range:**
> 100° C

**Flash Point:**
Does not flash

**Evaporation Rate:**
No data available

**Flammability:**
Not applicable

**Danger of Explosion:**
Not expected to create explosive atmospheres

**Vapor Pressure:**
2.3kPa @ 20° C

**Vapor Density:**
0.804 g/liter @ 20° C

**Relative Density:**
1.05 - 1.25

**Solubility:**
Completely miscible

**Partition Coefficient:**
< 0

**Auto-ignition Temperature:**
Does not self ignite

**Decomposition Temperature:**
> 150° C

**Viscosity:**
See Technical Bulletin

**Explosive Properties:**
Not expected to be explosive based on the chemical structure

**Oxidizing Properties:**
Not expected to be oxidizing based on the chemical structure
Section 10: Stability and Reactivity

Reactivity:
  Description: Stable under recommended storage conditions.

Chemical Stability:
  Stable: Stable under recommended storage conditions.
  Stabilizers: 
  Safety Issues:

Other:
  Hazardous Reactions: Oxidizing agents may cause exothermic reactions.
  Hazardous Polymerization: 
  Conditions to Avoid: Protect from frost, heat and sunlight.
  Incompatible Materials: Oxidizing agents.
  Hazardous Decomposition: Thermal decomposition may produce: hydrogen chloride gas, nitrogen oxides, carbon oxides, hydrogen cyanide.
  Products: 

Section 11: Toxicological Information

General:

Routes of Exposure:
  Inhalation: Unlikely route of entry.
  Ingestion: Low toxicity risk for short or long term exposure.
  Skin: Low toxicity risk for short or long term exposure.
  Eye: Low toxicity risk for short or long term exposure.
  Slightly irritating

Effects from Exposure: No data available.

Numerical Measures of Toxicity:
  Acute Toxicity:
    Oral: LD50 - (rat): > 5000 mg/kg
    Dermal: LD50 - (rat): > 5000 mg/kg
    Inhalation: Testing inappropriate as exposure unlikely
  Acute Irritability: Non irritating to skin

Description of Symptoms: See above.

Mutagenicity: By analogy with similar products not expected to be mutagenic.

Reproductive Toxicity: By analogy with similar products not expected to be toxic for reproduction

Reports on Carcinogens:
  NTP: Not considered a carcinogen.
  IARC: Not considered a carcinogen.
  OSHA: Not considered a carcinogen.
Section 12: Ecological Information

Ecotoxicity: Aquatic Chronic 2: H411 according to EC Regulation No. 1272/2008

Aquatic Toxicity:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Species</th>
<th>Time</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Daphnia magna</td>
<td>48 hours</td>
<td>EC50</td>
<td>10 - 100 mg/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Oncorhynchus mykiss</td>
<td>96 hours</td>
<td>LC50</td>
<td>10 - 100 mg/l</td>
</tr>
</tbody>
</table>

Persistence and Degradability: Not readily biodegradable, does not hydrolyze

Bioaccumulation Potential: Not bioaccumulating

<table>
<thead>
<tr>
<th>K_{ow}</th>
<th>BCF</th>
</tr>
</thead>
<tbody>
<tr>
<td>~0</td>
<td>~0</td>
</tr>
</tbody>
</table>

Mobility in Soil: Exposure to soil not expected, Koc: ~ 0

PBT and vPvB Assessment: Not applicable

Additional Information: No further information available

Other Adverse Effects: No further information available

Section 13: Disposal Considerations

Waste Treatment Methods:

Product: Dispose of in accordance with local regulations. Destroy at authorized site.
Packaging: Rinse empty containers with water and use the rinse water to prepare working solution. If recycling is not practicable, dispose of in compliance with local regulations.

Properties Affecting Disposal: No additional special considerations.

Sewage Disposal: Keep out of sewers.

Special Precautions: No special precautions.

Section 14: Transport Information

Land Transport: Not Regulated

<table>
<thead>
<tr>
<th>UN No.</th>
<th>Shipping Name</th>
<th>Transport Class</th>
<th>Packing Group</th>
<th>Hazard</th>
</tr>
</thead>
</table>

United States DOT: Not Regulated

Sea Transport: Not Regulated

<table>
<thead>
<tr>
<th>UN No.</th>
<th>Shipping Name</th>
<th>IMO / IMDG Code</th>
<th>Packing Group</th>
<th>Class</th>
</tr>
</thead>
</table>

Air Transport: Not Regulated

<table>
<thead>
<tr>
<th>UN No.</th>
<th>Shipping Name</th>
<th>IATA / ICAO-DGR Class</th>
<th>Packing Group</th>
</tr>
</thead>
</table>

Special Precautions: Handle carefully to avoid spillage. Spills are extremely slippery.
Section 15: Regulatory Information

Regulations:
SARA Title 3 Section 311 Categories:

<table>
<thead>
<tr>
<th></th>
<th>Acute</th>
<th>Chronic</th>
<th>Fire</th>
<th>Pressure</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

SARA 313 - Special Toxic Listings: None

RCRA Status: Not a RCRA hazardous material

California Proposition 65: Warning! This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. ACRYLAMIDE

Notification Status:

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Listing</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td></td>
<td></td>
<td>Components included in the United States TSCA Chemical inventory or are not required to be listed</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td></td>
<td>Components are included in the Canada Domestic Substance List (DSL) or are not required to be listed</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td></td>
<td>Components are included on the Australian Inventory of Chemical Substances (AICS)</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td></td>
<td>Components are included on the Chinese inventory</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td></td>
<td>Components are included on the Korean (ECL) inventory</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td></td>
<td>Components are included on the Philippine (PICCS) inventory</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td></td>
<td>Components are included on the Japanese (ENCS) inventory</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td></td>
<td>Components are included on the European Inventory of Existing Chemical Substances (EINECS) inventory</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td></td>
<td>Components are included on the Taiwan Chemical Substances Control Act Inventory</td>
</tr>
<tr>
<td></td>
<td>X</td>
<td></td>
<td>Components are included on the New Zealand Inventory of Chemical Substances</td>
</tr>
</tbody>
</table>

Safety Assessment:

Section 16: Other Information

Revision Date: 

Revised Sections: 

Preparation Statement: The information provided in this Safety Data Sheet is correct to the best of our knowledge.

Abbreviations and Acronyms:

- ACGIH: American Conference of Governmental Industrial Hygienists
- BCF: Bioconcentration Factor
- CAS: Chemical Abstract Service
- DOT: United States Department of Transportation
- EC50: Effect Concentration 50%
- EINECS: European Inventory of Existing Commercial chemical Substances
- ELINCS: European List of Notified Chemical Substances
<table>
<thead>
<tr>
<th>Acronym</th>
<th>Full Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHS</td>
<td>Global Harmonized System</td>
</tr>
<tr>
<td>HEPA</td>
<td>High-efficiency particulate arrestance</td>
</tr>
<tr>
<td>IARC</td>
<td>International Agency for Research on Cancer</td>
</tr>
<tr>
<td>IATA</td>
<td>International Air Transport Association</td>
</tr>
<tr>
<td>IC50</td>
<td>Inhibition Concentration 50%</td>
</tr>
<tr>
<td>ICAO</td>
<td>International Civil Aviation Organization</td>
</tr>
<tr>
<td>IMDG</td>
<td>International Maritime Dangerous Goods</td>
</tr>
<tr>
<td>IMO</td>
<td>International Maritime Organization</td>
</tr>
<tr>
<td>kg</td>
<td>Kilogram</td>
</tr>
<tr>
<td>Kow</td>
<td>Octanol-Water Partition Coefficient</td>
</tr>
<tr>
<td>l</td>
<td>Liter</td>
</tr>
<tr>
<td>LC50</td>
<td>Lethal Concentration 50%</td>
</tr>
<tr>
<td>LD50</td>
<td>Lethal Dose 50%</td>
</tr>
<tr>
<td>LL</td>
<td>Lower Limit</td>
</tr>
<tr>
<td>mg</td>
<td>Milligram</td>
</tr>
<tr>
<td>MSHA</td>
<td>Mine Safety and Health Administration</td>
</tr>
<tr>
<td>N/A</td>
<td>Not applicable</td>
</tr>
<tr>
<td>NIOSH</td>
<td>National Institute for Occupational Safety and Health</td>
</tr>
<tr>
<td>NLP</td>
<td>No-Longer Polymers</td>
</tr>
<tr>
<td>NTP</td>
<td>National Toxicology Program</td>
</tr>
<tr>
<td>OSHA</td>
<td>United States Occupational Safety and Health Administration</td>
</tr>
<tr>
<td>PBT</td>
<td>Persistent, Bioaccumulative and Toxic</td>
</tr>
<tr>
<td>PEL</td>
<td>Permissible exposure limits</td>
</tr>
<tr>
<td>STEL</td>
<td>Short term exposure limit</td>
</tr>
<tr>
<td>STOT</td>
<td>Specific target organ toxicity</td>
</tr>
<tr>
<td>UL</td>
<td>Upper Limit</td>
</tr>
<tr>
<td>UN</td>
<td>United Nations (Committee of Experts on the Transport of Dangerous Goods)</td>
</tr>
<tr>
<td>vPvB</td>
<td>Very Persistent and Very Bioaccumulative</td>
</tr>
</tbody>
</table>