DyeTechs 6410

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: DyeTechs 6410
Chemical Family: Disperse Dye Carrier
Product Description: Clear Straw Liquid

CONTACT:
American Textile, LLC
Tel: (770) 291-2226

Emergency Telephone Numbers: (24 Hours)
CHEMTREC # (800) 424-9300
INTERNATIONAL# (703) 527-3887

Non-Emergency Telephone Numbers: (8 am - 5 pm, Monday - Sunday)
FOR HEALTH AND SAFETY INFORMATION CALL (770) 291-2226

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

Components of this mixture may be proprietary information. In case of a medical emergency, compositional information will be provided to a physician or nurse.

COMBUSTIBLE
IRRITANT

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Limits</th>
<th>CAS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biphenyl</td>
<td>0.2 ppm</td>
<td>92-52-4</td>
</tr>
<tr>
<td>Monochlorotoluene</td>
<td>50 ppm</td>
<td>25168-05-2</td>
</tr>
</tbody>
</table>

SECTION 3 HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

ACCUTE HEALTH

Eyes: Contact with eyes can cause irritation.
Skin: Prolonged exposure to skin can cause dryness and irritation.
Ingestion: Can cause gastrointestinal irritation.
Inhalation: Can cause nausea, headache or other discomforts.
Cancer: Not considered a carcinogen.

SECTION 4 FIRST AID MEASURES

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Do not let victim rub eyes. Get medical attention.
Skin: Immediately flush skin with plenty of water, remove contaminated clothing and wash before reuse.
Ingestion: If victim is conscious immediately administer large quantities of water. Do not induce vomiting. Get medical attention.
Inhalation: Immediately remove victim to fresh air. If victim has stopped breathing, give artificial respiration, preferably by mouth to mouth. Get medical attention.

SECTION 5 FIRE FIGHTING MEASURES

Flash Point and Method: 115 - 117°F
Flammable Limits: ND
Auto Ignition Temperature: ND
Hazardous Combustion Products: None known.
Fire Fighting Procedures: No special procedures required. Use water spray, foam, dry chemical or carbon dioxide.
Fire Fighting Equipment: Wear OSHA/NIOSH approved self-contained breathing apparatus.
Fire and Explosion Hazards: None known.

SECTION 6  ACCIDENTAL RELEASE MEASURES

Environmental Precautions
Spill: Contain spilled material. Transfer to secure containers. Where necessary, collect using absorbent material.
Waste Disposal Method: All recovered material should be packaged, labeled, transported, disposed or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices.

SECTION 7  STORAGE AND HANDLING

General Procedures: Store in cool, dry, well-ventilated area. Avoid open flames or sparks near full or empty drums. Follow good industrial hygiene. Do not freeze.
Loading Temperature: Ambient
Storage Temperature: Ambient
Storage/Transport Pressure: Atmospheric

SECTION 8  EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use in area with adequate ventilation. If needed, use MSHA-NIOSH approved respirator for, mists with TLV greater than 0.05 mg/m³
Work Hygienic Practices: Chemical resistant gloves and safety goggles are recommended.
Other Use Precautions: Eyewash and safety shower should be in area of use.

SECTION 9  PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical State:</th>
<th>Clear Straw Liquid</th>
<th>Vapor Pressure:</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapor Density:</td>
<td>NA</td>
<td>Boiling Point:</td>
<td>ND</td>
</tr>
<tr>
<td>Freezing Point:</td>
<td>ND</td>
<td>Solubility in Water:</td>
<td>Dispersible</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>ND</td>
<td>Specific Gravity:</td>
<td>About 1.0</td>
</tr>
<tr>
<td>Viscosity (CPS at 25°C):</td>
<td>ND</td>
<td>pH:</td>
<td>About 7.5</td>
</tr>
<tr>
<td>Solids:</td>
<td>ND</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Comments:

SECTION 10  STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.
Conditions to Avoid: Heat, sparks, flame, ignition sources.
Stability: Stable.
Hazardous Decomposition: Emits acrid smoke and irritating fumes.

SECTION 11  TOXICOLOGICAL INFORMATION

Please call the non-emergency telephone number on page 1 if information is required.
Overexposure to biphenyl, a component, has apparently caused irritation of the eyes and skin at concentrations of 5 mg/m³. Repeated exposure has resulted in gastrointestinal complaints as well as polyneuritic complaints. At levels higher than 100 mg/m³. Rats showed liver and kidney damage as well as pulmonary effects.
SECTION 12 ECOLOGICAL INFORMATION

Please call the non-emergency telephone number on page 1 if information is required.

SECTION 13 DISPOSAL CONSIDERATIONS

Please refer to Sections 5, 6 and 15 for Disposal and Regulatory Information.

SECTION 14 TRANSPORT INFORMATION

Department Of Transportation (DOT):

DOT Hazard Class:
Containers <119 gallons not regulated by DOT
Containers >119 gallons regulated.
Combustible Liquid, NOS (Monochlorotoluene)
NA 1993 PG III

SECTION 15 REGULATORY INFORMATION

UNITED STATES
SARA TITLE III:
The following data is being supplied in compliance with Title III Superfund Amendments and Reauthorization Act (SARA) Part 313 and 40 CFR 372.

Biphenyl 92-52-4  <25%

This information may be subject to the provisions of the Community Right to know.

CERCLA:
If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). We recommend you contact local authorities to determine if there may be other local reporting requirements.

TSCA (Toxic Substance Control Act):
TSCA STATUS: Components of this product are listed.

SECTION 16 OTHER INFORMATION

Approval Date: 09/13/2000
Revision Summary
Revision #:

Hazard Rating Systems:
This information is for people trained in;
National Paint & Coating Association’s (NPCA) Hazardous Materials Identification System (HMIS)
National Fire Protection Association (NFPA 704)

Identification of the Fire Hazard of Material

<table>
<thead>
<tr>
<th></th>
<th>NPCA - HMIS</th>
<th>NFPA 704</th>
<th>KEY</th>
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</thead>
<tbody>
<tr>
<td>HEALTH</td>
<td>2</td>
<td></td>
<td>4 = Severe</td>
</tr>
<tr>
<td>FLAMMABILITY</td>
<td>2</td>
<td></td>
<td>3 = Serious</td>
</tr>
<tr>
<td>REACTIVITY</td>
<td>0</td>
<td></td>
<td>2 = Moderate</td>
</tr>
<tr>
<td>PROTECTIVE</td>
<td>C</td>
<td></td>
<td>1 = Slight</td>
</tr>
<tr>
<td>EQUIPMENT</td>
<td></td>
<td></td>
<td>0 = Minimal</td>
</tr>
</tbody>
</table>

Protective Equipment Index

A  Safety Eyewear  H  Safety Eyewear, Gloves, Apron, Vapor Respirator
B  Safety Eyewear, Gloves  I  Safety Eyewear, Gloves, Dust & Vapor Respirator
C  Safety Eyewear, Gloves, Apron  J  Safety Eyewear, Gloves, Apron, Dust & Vapor Respirator
D  Eyes & Face Protection, Gloves, Apron  K  Supplied-Air Respirator, Gloves, Full Suit, Boots
<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th></th>
<th>Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>E</td>
<td>Safety Eyewear, Gloves, Dust/Mist Respirator</td>
<td>X</td>
<td>Ask your supervisor for special handling instructions.</td>
</tr>
<tr>
<td>F</td>
<td>Safety Eyewear, Gloves, Apron, Dust/Mist Respirator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G</td>
<td>Safety Eyewear, Gloves, Vapor Respirator.</td>
<td></td>
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</tbody>
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**Note:**
- ND  Not determined
- NA  Not applicable

**Revision Summary:**
This MSDS has been reformatted to be consistent with ANSI Standard 2400, 1-1993.

<table>
<thead>
<tr>
<th>Reference Number:</th>
<th>Revised Date:</th>
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