Section 1 - Chemical Product and Company Information

Product Name: Smith's Liquid Dye 10 Royal Blue    Product Code: SLD10
Trade Name: Royal Blue Liquid Dye
Manufactured by:
Smith Paint Products
2200 Paxton Street
Harrisburg, PA 17111
(800) 466-8781

Chemtrec
2900 Fairview Park Drive
Falls Church, VA 22042-4513
(800) 262-8200

Emergency Hot Line:
(800) 424-9300

Section 2 - Hazards Identification

GHS Ratings:
Eye corrosive 2A Eye irritant: Subcategory 2A, Reversible in 21 days

GHS Hazards
H319 Causes serious eye irritation

GHS Precautions
P264 Wash … thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection
P305+P351+P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P337+P313 If eye irritation persists, get medical advice/attention

Signal Word: Warning

Section 3 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS number</th>
<th>Weight Concentration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inert</td>
<td></td>
<td>50.00% - 60.00%</td>
</tr>
<tr>
<td>DIETHYLENEGLYCOL MONOBUTYL ETHER</td>
<td>112-34-5</td>
<td>20.00% - 30.00%</td>
</tr>
<tr>
<td>PROPYLENE GLYCOL</td>
<td>57-55-6</td>
<td>10.00% - 20.00%</td>
</tr>
</tbody>
</table>
Section 4 - First Aid Measures

**Inhalation:** Move to fresh air. If symptoms persist, call a physician.

**Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

**Skin Contact:** Wash off immediately with soap and plenty of water. While removing all contaminated clothes and shoes.

**Ingestion:** Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person.

**Notes to Physician:** Treat symptomatically.

Section 5 - Fire Fighting Measures

Flash Point: > 104 C (>219 F)

**LEL:**  
**UEL:**

**Flammable Limits:**

**Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unusual Fire/Explosion Hazards:** No information available.

**Fire Fighting Equipment:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6 - Accidental Release Measures

**Spill/Leak Procedures:** - Use personal protective equipment. Avoid contact with the skin and the eyes. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges.

**Enviromental precautions:** Prevent entry into waterways, sewers, basements or confined areas. Do not flush into water or sanitary sewer system. Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.

**Methods for clean up:** Soak up with inert absorbent material. Pick up and transfer properly labeled containers. After cleaning, flush away traces with water. Prevent product from entering drains. Dam up. Take precautionary measures against static discharges.

Section 7 - Handling and Storage

**Advice on safe handling:** Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Do not use mobile phones during handling. Never pierce, drill, grind, cut, saw, or weld any empty container.


Section 8 - Exposure Controls / Personal Protection

<table>
<thead>
<tr>
<th>Chemical Name / CAS No.</th>
<th>OSHA Exposure Limits</th>
<th>ACGIH Exposure Limits</th>
<th>Other Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inert</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
</tbody>
</table>
Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstance:

<table>
<thead>
<tr>
<th>Property</th>
<th>DIETHYLENEGLYCOL MONOBUTYL ETHER 112-34-5</th>
<th>PROPYLENE GLYCOL 57-55-6</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance:</strong> Liquid</td>
<td><strong>Odor:</strong> butyl-like odor</td>
<td></td>
</tr>
<tr>
<td><strong>pH:</strong> No Data Available</td>
<td><strong>Melting point:</strong> Not Applicable</td>
<td></td>
</tr>
<tr>
<td><strong>Boiling range:</strong> &lt;100°C / 212°F</td>
<td><strong>Flash point:</strong> 104 C</td>
<td></td>
</tr>
<tr>
<td><strong>Evaporation rate:</strong> No Data Available</td>
<td><strong>Flammability:</strong> No Data Available</td>
<td></td>
</tr>
<tr>
<td><strong>Upper flammability limit:</strong> No Data Available</td>
<td><strong>Lower flammability limit:</strong> No Data Available</td>
<td></td>
</tr>
<tr>
<td><strong>Vapor Pressure:</strong> No Data Available</td>
<td><strong>Vapor Density:</strong> No Data Available</td>
<td></td>
</tr>
<tr>
<td><strong>Specific Gravity:</strong> 1.02</td>
<td><strong>Solubility in other solvents:</strong> 100% water, acetone, denature alcohol</td>
<td></td>
</tr>
<tr>
<td><strong>Partition coefficient (n-octanol/water):</strong> No Data Available</td>
<td><strong>Autoignition temperature:</strong> No Data Available</td>
<td></td>
</tr>
<tr>
<td><strong>Explosive properties:</strong> No Data Available</td>
<td><strong>Decomposition temperature:</strong> No Data Available</td>
<td></td>
</tr>
<tr>
<td><strong>Oxidizing properties:</strong> No Data Available</td>
<td><strong>Softening point:</strong> No Data Available</td>
<td></td>
</tr>
</tbody>
</table>

Section 10 - Stability and Reactivity

**Stability:**
STABLE

**Incompatibilities/Conditions to avoid:** Heat, flames and sparks. Take precautionary measures against static charges. Heat (temperatures above flash point), sparks, ignition points, flames and static electricity.

**Hazardous Decomposition:** May emit toxic fumes under fire conditions.

Hazardous polymerization will not occur.

Section 11 - Toxicological Information

**Mixture Toxicity**

**Component Toxicity**

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Description</th>
<th>% Weight</th>
<th>Carcinogen Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>112-34-5</td>
<td>DIETHYLENEGLYCOL MONOBUTYL ETHER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>57-55-6</td>
<td>PROPYLENE GLYCOL</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Primary routes of entry:** Inhalation, eye contact, skin contact.
Section 12 - Ecological Information

Component Ecotoxicity
DIETHYLENEGLYCOL MONOBUTYL ETHER

Toxicity to fish static test LC50 - Lepomis macrochirus - 1,300 mg/l - 96 h (OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates static test EC50 - Daphnia magna (Water flea) - > 100 mg/l - 48 h (Directive 67/548/EEC, Annex V, C.2.)

Toxicity to algae static test EC50 - Desmodesmus subspicatus (Scenedesmus subspicatus) - > 100 mg/l - 96 h (OECD Test Guideline 201)

Toxicity to bacteria LC50 - Pseudomonas putida - 1,170 mg/l - 16 h

Persistence and degradability

Biodegradability aerobic - Exposure time 28 d Result: 91.7 % - Readily biodegradable (OECD Test Guideline 301B)

Bioaccumulative potential Does not bioaccumulate.

Mobility in soil No data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects No data available

PROPYLENE GLYCOL

Fish: LC50 (Bluegill, 96 h): 51,400 mg/L Mortality
      LC50 (Fathead minnow, 96 h): 51,600 mg/L Mortality

Aquatic Invertebrates: LC50 (Water Flea, 48 h): 1000 mg/L

Section 13 - Disposal Considerations

Dispose in accordance with all applicable regulations.

Section 14 - Transport Information

This material is classified for transport as follows:

<table>
<thead>
<tr>
<th>Agency</th>
<th>Proper Shipping Name</th>
<th>UN Number</th>
<th>Packing Group</th>
<th>Hazard Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR/RID</td>
<td></td>
<td>Unregulated</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DOT</td>
<td></td>
<td>Unregulated</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IATA</td>
<td></td>
<td>Unregulated</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IMDG</td>
<td></td>
<td>Unregulated</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SLD10
Reviewer Revision
Section 15 - Regulatory Information

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:
- None

R2K List
- None

Section 16 - Other Information

Hazardous Material Information System (HMIS)

| HEALTH | 2 |
| FLAMMABILITY | 1 |
| PHYSICAL HAZARD | 0 |
| PERSONAL PROTECTION | H |

HMIS & NFPA Hazard Rating Legend
* = Chronic Health Hazard
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH

The material contained in this Safety Data Sheet is based on information supplied to Smith Paint Products by the raw material suppliers of the individual components of this product. Smith Paint Products believes this information is truthful and reliable. However, no warranty is expressed or implied regarding the accuracy of this information, or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and health and safety of your employees and users of this material. As more information becomes available from our vendors additional revisions will be forthcoming.

Date Prepared: 2/17/2016