1. IDENTIFICATION

Product
Product Name: Smith’s Liquid Dye
Product Color: Orange
Product Code: SLD-45

Recommended Use: Professional use. Coloring agent.
Uses advised against: No information available

Company: Smith Paint Products
2200 Paxton Street
Harrisburg, PA 17111
(717) 233-8781

Emergency telephone number: Chemtrec (800) 424-9300

2. HAZARDS IDENTIFICATION

Classification
Specific target organ toxicity (single exposure) Category 3

GHS Label elements, including precautionary statements

Emergency Overview

Signal Word
Warning

Hazard Statements
H336 - May cause drowsiness or dizziness

Appearance orange liquid
Physical state liquid
Odor ether-like odor

Precautionary Statements
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P271 - Use in a well-ventilated area
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P312 - Call a POISON CENTER or doctor if you feel unwell
P405 – Store locked up
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P501 - Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLYCOL ETHER DPM</td>
<td>34590-94-8</td>
<td>15-20</td>
</tr>
</tbody>
</table>
4. FIRST AID MEASURES

**Eye contact** - Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

**Skin contact** - Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician. Immediate medical attention is not required.

**Inhalation** - Move to fresh air. If symptoms persist, call a physician. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors or decomposition products.

**Ingestion** - Immediate medical attention is not required. Rinse mouth. Drink plenty of water. Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.

**General advice** - If symptoms persist, call a physician.

5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media** - Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable Extinguishing Media** – None known

**Specific hazards arising from the chemical** - No specific fire or explosion hazard.

**Explosion data**

- **Sensitivity to Mechanical Impact** - None.

**Protective equipment and precautions for firefighters** - As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** - Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Environmental precautions** - Prevent entry into waterways, sewers, basements or confined areas. Do not flush into water or sanitary sewer system. Prevent product from entering drains.

**Methods for Containment** - Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** - Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. After cleaning, flush away traces with water. Prevent product from entering drains. Dam up.

7. HANDLING AND STORAGE

**Advice on safe handling** - Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Incompatible products None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLYCOL ETHER DPM</td>
<td>100 ppm</td>
<td>Not est.</td>
<td>IDLH: 600 ppm</td>
</tr>
<tr>
<td></td>
<td>606 mg/m³</td>
<td></td>
<td>TWA: 100 ppm</td>
</tr>
<tr>
<td></td>
<td>909 mg/m³</td>
<td></td>
<td>TWA: 600 mg/m³</td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td></td>
<td>STEL: 150 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>STEL: 900 mg/m³</td>
</tr>
</tbody>
</table>

Exposure Guidelines – Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

Exposure controls

Engineering Measures – Showers, eyewash stations and ventilation systems. Apply technical measures to comply with the occupational exposure limits. Process enclosure and/or ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face Protection - Safety goggles, face-shield and eyewash fountains should be provided in areas where there is any possibility that workers could be exposed to the substances.

Skin and body protection - Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection - If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Hygiene measures - When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>No information available</td>
</tr>
<tr>
<td>Melting point</td>
<td>N/A</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>&lt; 100 °C / 212 °F</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 112 °C / &gt; 235 °F</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>No information available</td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1.07</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>100% Water, Acetone, denature alcohol</td>
</tr>
<tr>
<td>Partition coefficient:</td>
<td></td>
</tr>
<tr>
<td>n-octanol/water</td>
<td>No information available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No information available</td>
</tr>
</tbody>
</table>
Explosive properties: No information available
Oxidizing properties: No information available
Softening point: No information available
VOC g/l: <22.6
Density: No information available
Bulk density: No information available

10. STABILITY AND REACTIVITY

Reactivity – No data available
Chemical stability - Stable under recommended storage conditions.
Hazardous Reactions - None under normal processing
Incompatible Materials - None known based on information supplied.
Hazardous Decomposition Products - May emit toxic fumes under fire conditions.

11. TOXICOLOGICAL INFORMATION

Product Information
Inhalation Avoid breathing vapors or mists.
Eye contact Irritating to eyes.
Skin contact May be harmful in contact with skin.
Ingestion Not an expected route of exposure. Do not taste or swallow.

Chemical name LD50 Oral LD50 Dermal LC50 Inhalation
GLYCOL ETHER DPM 5230 mg/kg (Rat) 19500 mg/kg (Rabbit) no data available
34590-94-8

Information on toxicological effects
Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure
Sensitization No information available.
germs cell mutagenicity No information available.
Carcinogenicity No information available.
Reproductive toxicity No information available.
Specific target organ systemic toxicity (single exposure) No information available
Specific target organ systemic toxicity (repeated exposure) No information available
Target Organ Effects Central nervous system, eyes, respiratory system
Aspiration hazard No information available.

Numerical measures of toxicity - Product Information
Unknown acute toxicity 21.4 percent of the mixture consists of ingredient(s) of unknown acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document
ATEmix (oral) 6663 mg/kg
ATEmix (dermal) 12176 mg/kg
ATEmix (inhalation-dust/mist) 2212.7
ATEmix (inhalation-vapor) 143.7 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity
22.35% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLYCOL ETHER DPM 34590-94-8</td>
<td>10000: 96 h Pimephales promelas mg/L LC50 static</td>
<td>1919: 48 h Daphnia magna mg/L EC50</td>
<td></td>
</tr>
<tr>
<td>ETHOXY PROPAOL 1569-02-4</td>
<td>10000: 24 h Pimephales promelas mg/L LC50 static</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Persistence and degradability: No information available.

Bioaccumulation: Bioaccumulative potential.

Chemical name: log Pow

GLYCOLETHER DPM 34590-94-8: -0.064

Other adverse effects: No information available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods - Should not be released into the environment. This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Dispose of in accordance with all applicable national environmental laws and regulations. Dispose of in accordance with local regulations.

Contaminated packaging - Do not re-use empty containers. Dispose of in accordance with local regulations.

US EPA Waste Number – D007

14. TRANSPORT INFORMATION

DOT: Not regulated

MEX: Not regulated

IATA: Not regulated

IMDG: Not regulated

RID: Not regulated

ADN: Not determined

15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>Component</th>
<th>TSCA</th>
<th>TSCA 12(b)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLYCOL ETHER DPM</td>
<td>Listed</td>
<td>Section 4</td>
</tr>
</tbody>
</table>

EINECS/ELINCS

<table>
<thead>
<tr>
<th>Component</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSL</td>
<td>not determined</td>
</tr>
<tr>
<td>NDSL</td>
<td>not determined</td>
</tr>
<tr>
<td>PICCS</td>
<td>not determined</td>
</tr>
<tr>
<td>ENCS</td>
<td>not determined</td>
</tr>
<tr>
<td>IECS</td>
<td>not determined</td>
</tr>
<tr>
<td>AICS</td>
<td>not determined</td>
</tr>
<tr>
<td>KECL</td>
<td>Listed</td>
</tr>
<tr>
<td>NZIoC</td>
<td>Not determined</td>
</tr>
</tbody>
</table>
Legend
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
NZIoC - New Zealand Inventory of Chemicals

REACH registration number – Supplier has taken all relative steps to ensure REACH-Compliance. Please contact us with any REACH-Related questions at info@smithpaints.com

RESTRICTIONS - REACH TITLE VIII  No information available

US Federal Regulations
SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHOXY PROPAHOL</td>
<td></td>
</tr>
<tr>
<td>GLYCOL ETHER DPM</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories
Acute Health Hazard Yes.
Chronic Health Hazard No.
Fire Hazard No.
Sudden release of pressure hazard No.
Reactive Hazard No.

Clean Water Act
Chemical Name
Propietary

CERCLA - This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations
California Proposition 65 - This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Massachusetts</th>
<th>New Jersey</th>
<th>Pennsylvania</th>
<th>Illinois</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLYCOL ETHER DPM</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

International Regulations
Mexico - Grade Moderate risk, Grade 2.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Carcinogen Status</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLYCOL ETHER DPM</td>
<td></td>
<td>Mexico: TWA 100ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: TWA 60 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: STEL 150 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: STEL 900 mg/m³</td>
</tr>
</tbody>
</table>
Canada

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

HMIS
Health Hazard 2  Flammability 1  Physical Hazard 0  Personal Protection H

16. OTHER INFORMATION

Date of Preparation 5 / 2014

Special Note: The material contained in this Material Safety Data Sheet is based on information supplied to Smith Paint Products by the raw material suppliers of the individual components of this product and Smith Paint Products believes this information is 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.