1. IDENTIFICATION

Product
Product Name: Smith’s Liquid Dye
Product Color: Dark Brown
Product Code: SLD-25

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
Serious eye damage/eye irritation Category 2
Specific target organ toxicity (single exposure) Category 3

GHS Label elements, including precautionary statements

Emergency Overview

Signal Word
Warning

Hazard Statements
H319 – Causes serious eye irritation
H336 - May cause drowsiness or dizziness

Appearance brown liquid
Physical state liquid
Odor butyl-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 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P403 + P235 - Store in a well-ventilated place. Keep cool
P264 - Wash face, hands and any exposed skin thoroughly after handling
P305 + P351 + P338 - IF IN EYES: Rinse cautiously 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
P501 - Dispose of contents/container to industrial incineration plant

Hazards not otherwise classified (HNOC)

Unknown acute toxicity
17.6 percent of the mixture consists of ingredient(s) of unknown acute toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHOXY PROANOL</td>
<td>1569-02-4</td>
<td>20-25</td>
</tr>
<tr>
<td>PROPIETARY</td>
<td></td>
<td>2.5-5</td>
</tr>
<tr>
<td>GLYCOL ETHER DB</td>
<td>112-34-5</td>
<td>2.5-5</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

<table>
<thead>
<tr>
<th>Exposure Guidelines</th>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHOXY PROPANOL</td>
<td>--</td>
<td>--</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>1569-02-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Proprietary</td>
<td>Not established</td>
<td>Not established</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>GLYCOL ETHER DB</td>
<td>20 ppm 8 Hr TWA</td>
<td>50 ppm 8 Hr TWA</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>112-34-5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Other 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>physical and chemical properties</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor buty/ether</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>No information available</td>
</tr>
</tbody>
</table>
Melting point: N/A
Boiling point/boiling range: < 100 °C / 212 °F
Flash point: > 93 °C / > 200 °F
Evaporation rate: No data available
Flammability (solid, gas): No data available
Flammability Limits in Air:
- Upper flammability limit: No information available
- Lower flammability limit: No information available
Vapor Pressure: No information available
Vapor density: No information available
Specific gravity: 1.03
Solubility in other solvents: 100% Water, Acetone, denature alcohol
Partition coefficient: n-octanol/water: No information available
Autoignition temperature: No data available
Decomposition temperature: No information available
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: Avoid contact with eyes
Skin contact: May be harmful in contact with skin.
Ingestion: Not an expected route of exposure. Do not taste or swallow.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>LD50 Oral (Rat)</th>
<th>LD50 Dermal (Rabbit)</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLYCOL ETHER DB 112-34-5</td>
<td>3384 mg/kg</td>
<td>2700 mg/kg</td>
<td>no data available</td>
</tr>
<tr>
<td>Proprietary</td>
<td>5230 mg/kg</td>
<td>9500 mg/kg</td>
<td>no data available</td>
</tr>
</tbody>
</table>

Information on toxicological effects
Symptoms: No information available.
Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation: Irritating to eyes
Sensitization: No information available.
germ cell mutagenicity: No information available.
Carcinogenicity: IARC: (International Agency for Research on Cancer)
Group 3 – Not Classifiable as to Carcinogenicity in Humans

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

Chronic toxicity  
May cause adverse liver effects

Target Organ Effects  
Central nervous system, eyes, respiratory system, skin

Aspiration hazard  
No information available.

Numerical measures of toxicity - Product Information

Unknown acute toxicity  
17.6 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

<table>
<thead>
<tr>
<th>ATEmix (oral)</th>
<th>5454 mg/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATEmix (dermal)</td>
<td>5335 mg/kg</td>
</tr>
<tr>
<td>ATEmix (inhalation-gas)</td>
<td>891</td>
</tr>
<tr>
<td>ATEmix (inhalation-dust/mist)</td>
<td>2816.5</td>
</tr>
<tr>
<td>ATEmix (inhalation-vapor)</td>
<td>77.1 mg/l</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Ecotoxicity

34.3% 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>ETHOXY PROPAHOL</td>
<td>1569-02-4</td>
<td>10000: 24 h Pimephales promelas mg/L LC50 static</td>
<td></td>
</tr>
<tr>
<td>GLYCOL ETHER DB</td>
<td>112-34-5</td>
<td>10000: 96 h Pimephales promelas mg/L LC50 static</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1300: 96 Lepomis macrochirus mg/L EC50 static</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1300: 48 h Daphnia magna mg/L EC50 100: 48h Daphnia magna mg/L EC50</td>
<td></td>
</tr>
</tbody>
</table>

Persistence and degradability  
No information available.

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 – D001

This product contains one or more substances that are listed with the State of California as a hazardous waste.

14. TRANSPORT INFORMATION

DOT  
Not regulated

MEX

IATA  
Not regulated

IMDG  
Not regulated
15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>Listed</td>
</tr>
<tr>
<td>EINECS/ELINCS</td>
<td></td>
</tr>
<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>IECSC</td>
<td>not determined</td>
</tr>
<tr>
<td>AICS</td>
<td>not determined</td>
</tr>
<tr>
<td>KECL</td>
<td>not determined</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 PROPA NOL</td>
<td>1.0</td>
</tr>
<tr>
<td>GLYCOL ETHER DB</td>
<td>1.0</td>
</tr>
<tr>
<td>Proprietary</td>
<td>1.0</td>
</tr>
<tr>
<td>Proprietary</td>
<td>1.0</td>
</tr>
<tr>
<td>Proprietary</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>Yes.</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>No.</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>No.</td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td>No.</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No.</td>
</tr>
</tbody>
</table>

Clean Water Act

Component

<table>
<thead>
<tr>
<th>Component</th>
<th>U.S. – CAA (Clean Air Act) – 1990 Hazardous Air Pollutants</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLYCOL ETHER DB</td>
<td>Present</td>
</tr>
<tr>
<td>34590-94-8</td>
<td>Present</td>
</tr>
<tr>
<td>Proprietary</td>
<td></td>
</tr>
</tbody>
</table>
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>PROPRIETARY</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>PROPRIETARY</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>GLYCOL ETHER DB</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>PROPRIETARY</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>2-BUTOXYETHANOL</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

International Regulations

Mexico - Grade Moderate risk, Grade 2.

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.

WHMIS Hazard Class
D2B Toxic Materials

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.