



Safety Data Sheet

1. IDENTIFICATION

Product

Product Name: Smith's Liquid Dye

Product Color: Royal Blue

Product Code: SLD-10

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

GHS Label elements, including precautionary statements

Emergency Overview

Signal Word

Warning

Hazard Statements

H319 - Causes serious eye irritation



Appearance blue liquid

Physical state liquid

Odor butyl-like odor

Precautionary Statements

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: Seek medical attention

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

P403 + P235 - Store in a well-ventilated place. Keep cool

Hazards not otherwise classified (HNOC)

Other information

May be harmful in contact with skin

Harmful to aquatic life with long lasting effects

Unknown acute toxicity



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

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical name | CAS-No | Weight % |
|----------------------|----------|----------|
| GLYCOL ETHER DB | 112-34-5 | 25-30 |
| PROPYLENE GLYCOL IND | 57-55-6 | 10-15 |

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.

Technical measures/Storage conditions - Keep container tightly closed. Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers.

Incompatible products None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---------------------------------|-----------------|-----------------|--------------------------|
| GLYCOL ETHER DB 112-34-5 | 20 PPM 8 Hr TWA | 50 PPM 8 Hr TWA | No information available |
| PROPYLENE GLYCOL IND 57-55-6 | Not Established | Not Established | No information available |
| Proprietary | Not Established | Not Established | No information available |

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

physical and chemical properties

| | | | |
|----------------|--------------------------|------|-----------------|
| Physical state | liquid | Odor | butyl-like odor |
| Odor Threshold | No information available | | |

| Property | Values |
|-----------------------------|-------------------------------------|
| pH | No information available |
| Melting point | N/A |
| Boiling point/boiling range | < 100 °C / 212 °F |
| Flash point | > 104 °C / > 220 °F |
| Evaporation rate | No data available |
| Flammability (solid, gas) | No data available 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 | 1.02 |
| 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 | 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 DB 112-34-5 | 3384 mg/kg (Rat) | 2700 mg/kg (Rabbit) | no data available |
| PROPYLENE GLYCOL IND 57-55-6 | 20000 mg/kg (Rat) | 20800 mg/kg (Rabbit) | no data available |

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 | 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 |
| Chronic toxicity | Avoid repeated exposure. |
| Aspiration hazard | No information available. |

Numerical measures of toxicity - Product Information

Unknown acute toxicity 6.5 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) | 5581 mg/kg |
| ATEmix (dermal) | 4512 mg/kg |
| ATEmix (inhalation-gas) | 700 |
| ATEmix (inhalation-dust/mist) | 2213.7 |
| ATEmix (inhalation-vapor) | 42.6 |

12. ECOLOGICAL INFORMATION

Ecotoxicity

6.5% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical name | Toxicity to algae | Toxicity to fish | Toxicity to daphnia and other aquatic invertebrates |
|---------------------------------|---|--|---|
| GLYCOL ETHER DB 112-34-5 | 100: 96 h Desmodesmus subspicatus mg/L EC50 | 1300: 96 h Lepomis macrochirus mg/L LC50 Static | 2850: 24 h Daphnia magna mg/L EC50 100: 48 h Daphnia magna mg/L EC50 |
| PROPYLENE GLYCOL IND 57-55-6 | 19000: 96 h Pseudokirchneriella subcapitata mg/L EC50 | 51600: 96 h Oncorhynchus mykiss mg/L LC50 static 41 - 47: 96 h Oncorhynchus mykiss mL/L LC50 static 51400: 96 h Pimephales promelas mg/L LC50 static 710: 96 h Pimephales promelas mg/L LC50 | 10000: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50 Static |

| | |
|-------------------------------|---------------------------|
| Persistence and degradability | No information available. |
| Bioaccumulation | 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.

14. TRANSPORT INFORMATION

DOT Not regulated

MEX

IATA Not regulated

IMDG Not regulated

RID

ADN

15. REGULATORY INFORMATION

International Inventories

| | |
|---------------|--------|
| TSCA | Listed |
| EINECS/ELINCS | Listed |
| DSL | Listed |



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| | |
|-------|----------------|
| NDSL | not determined |
| PICCS | Listed |
| ENCS | not determined |
| IECSC | Listed |
| AICS | Listed |
| KECL | not determined |
| NZIoC | not determined |

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:

| Chemical name | SARA 313 - Threshold Values % |
|-----------------|-------------------------------|
| GLYCOL ETHER DB | 1.0 |

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

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

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

| Chemical name | Massachusetts | New Jersey | Pennsylvania | Illinois | Rhode Island |
|----------------------|---------------|------------|--------------|----------|--------------|
| GLYCOL ETHER DB | | X | X | X | |
| PROPYLENE GLYCOL IND | | X | X | | |

International Regulations



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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.

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.