



## 1. IDENTIFICATION

### Product

**Product Name:** Smith's Liquid Dye  
**Product Color:** Black  
**Product Code:** SLD-05

**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  
Flammable Liquids Category 4

### GHS Label elements, including precautionary statements

#### Emergency Overview

#### Signal Word

Warning

#### Hazard Statements

H336 – May cause drowsiness or dizziness  
Combustible liquid



**Appearance** black 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 - Call a POISON CENTER or doctor if you feel unwell  
P405 – Store locked up  
P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
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  
P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish  
P403 + P235 - Store in a well-ventilated place. Keep cool  
P501 - Dispose of contents/container to industrial incineration plant



**Hazards not otherwise classified (HNOC)**

**Other information**

May be harmful in contact with skin  
Harmful to aquatic life with long lasting effects  
May be harmful if swallowed

**Unknown acute toxicity**

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

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Chemical name</b>	<b>CAS-No</b>	<b>Weight %</b>
GLYCOL ETHER PM ALCOHOL	107-98-2	25-30
GLYCOL ETHER DPM	34590-94-8	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 dry chemical. Carbon dioxide. (CO<sub>2</sub>). Water spray. Alcohol-resistant foam.

**Unsuitable Extinguishing Media** – Do not use a solid water stream as it may scatter and spread fire.

**Specific hazards arising from the chemical** – Keep product and empty container away from heat and source ignition. Risk of ignition and flammable.

**Explosion data**

**Sensitivity to Mechanical Impact** - none.

**Sensitivity to Static Discharge** - Yes

**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** - 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.



**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. Take precautionary measures against static discharges.

## 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.

**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 away from heat and sources of ignition. Keep in properly labeled containers. Keep away from heat.

**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 PM ALCOHOL - 112-34-5	100 PPM TWA 369mg/m <sup>3</sup> 150 PPM STEL	Not Established	TWA: 100ppm TWA: 360 mg/m <sup>3</sup> STEL: 150 ppm STEL: 540 mg/m <sup>3</sup>
GLYCOL ETHER DPM 34590-94-8	100 ppm 606 mg/m <sup>3</sup> TWA 150 ppm 909 mg/m <sup>3</sup> STEL	Not established	IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m <sup>3</sup> STEL: 150 ppm STEL: 900 mg/m <sup>3</sup>
Proprietary		TWA 0.5 mg/m <sup>3</sup> Cr (vacated) TWA 0.5 mg/m <sup>3</sup> Cr (vacated) ceiling 0.1 mg/m <sup>3</sup> Ceiling: 0.1 mg/m <sup>3</sup> CrO <sub>3</sub> applies to any operations or sectors for which the Hex- avalent Chromium standard [29 CFR 1910.1026] is stayed or is otherwise not in effect	IDLH: 15 mg/m <sup>3</sup> Cr(VI)IDLH: 25 mg/m <sup>3</sup> Cr (III) TWA 0.001 mg/m <sup>3</sup> Cr TWA: 0.5 mg/m <sup>3</sup> Cr

**Exposure Guidelines** – Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11<sup>th</sup> 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**

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	> 81 °C / > 178 °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	1.06
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

**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.

**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 PM ALCOHOL 107-98-2	5200 mg/kg ( Rat )	13000 mg/kg ( Rabbit )	54.6 mg/L (Rat) 4 h 24mg/L (Rat)1 h
Proprietary	5230 mg/kg ( Rat )	9500 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**

**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)**  
**Chronic toxicity** May cause adverse liver effects.  
**Target Organ Effects** blood, central nervous system, eyes, kidney, liver, lungs, respiratory system, skin  
**Aspiration hazard** No information available.

**Numerical measures of toxicity - Product Information**

**Unknown acute toxicity** 12 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

<b>ATEmix (oral)</b>	6854 mg/kg
<b>ATEmix (dermal)</b>	15359 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	0

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

3% 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 PM ALCOHOL 107-98-2		20.8: 96 h Pimephales promelas g/L LC50 static 4600 – 10000: 96 h Leuciscus idus mg/L LC50 static	23300: 48 h Daphnia magna mg/L EC50
GLYCOL ETHER DPM 34590-94-8		10000: 96 h Pimephales promelas mg/L LC50 static	1919: 48 h Daphnia magna mg/L EC50

**Persistence and degradability** No information available.  
**Bioaccumulation** Bioaccumulative potential

Chemical name	log Pow
GLYCOL ETHER PM ALCOHOL 107-98-2	-0.437
GLYCOLETER 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 – D001 D007

Chemical Name	RCRA	RCRA – Basis for Listing	RCRA - D Series Waste
Chromium III Complex Bound within dye 7440-47-3		Included in waste streams F032, F034, F035, F037, F038, F039	5.0 mg/L regulatory level

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

RID

ADN

15. REGULATORY INFORMATION

International Inventories

TSCA	Listed
Component	TSCA 12(b)
GLYCOL ETHER DPM	Section 4
34590-94-8	

EINECS/ELINCS	Listed
DSL	Listed
NDSL	not determined
PICCS	Listed
ENCS	Listed
IECSC	Listed
AICS	Listed
KECL	Listed
NZIoC	Listed

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 with 2 columns: Chemical name, SARA 313 - Threshold Values %. Rows include GLYCOL ETHER DPM and Chromium Compound.

SARA 311/312 Hazard Categories

Table with 2 columns: Hazard Category, Yes/No. Rows include Acute Health Hazard, Chronic Health Hazard, Fire Hazard, Sudden release of pressure hazard, and Reactive Hazard.

Clean Water Act

Table with 4 columns: Chemical Name, CWA – Reportable Quantities, CWA - Toxic Pollutants, CWA – Priority Pollutants. Row includes Chromium Compound.

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).

US State Regulations

California Proposition 65 - This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Table with 6 columns: Chemical name, Massachusetts, New Jersey, Pennsylvania, Illinois, Rhode Island. Rows include GLYCOL ETHER PM ALCOHOL, GLYCOL ETHER DPM, and CHROMIUM COMPOUND.

International Regulations

Mexico - Grade Moderate risk, Grade 2.

Table with 3 columns: Chemical name, Carcinogen Status, Exposure Limits. Row includes GLYCOL ETHER DPM.

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**

B3 – combustible liquid



**HMIS**

Health Hazard 2

Flammability 2

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.