



1. IDENTIFICATION

Product

Product Name: Smith's Liquid Dye
Product Color: Golden Brown
Product Code: SLD-20

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
Flammable Liquids Category 4

GHS Label elements, including precautionary statements

Emergency Overview

Signal Word

Warning

Hazard Statements

H319 - Causes serious eye irritation
May cause respiratory irritation. May cause drowsiness or dizziness
Combustible liquid



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 - 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



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)**

**Other information**

May be harmful if swallowed

**Unknown acute toxicity**

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

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical name	CAS-No	Weight %
ETHOXY PROPANOL	1569-02-4	30-35
PROPRIETARY	Proprietary	10-15
GLYCOL ETHER DPM	34590-94-8	0.5-2.5

**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. Ensure adequate ventilation. 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

<b>Chemical name</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>NIOSH IDLH</b>
ETHOXY PROPANOL 1569-02-4	--	--	No information available
Proprietary	Not established	Not established	No information available
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>

### 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 mild ether  
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	> 64 °C / > 148 °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

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 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.

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Proprietary	5230 mg/kg ( Rat )	19500 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) No information available
Target Organ Effects Central nervous system, eyes, respiratory system, skin
Aspiration hazard No information available.

**Numerical measures of toxicity - Product Information**

Unknown acute toxicity 12.5 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) 4416 mg/kg
ATEmix (dermal) 8131 mg/kg
ATEmix (inhalation-gas) 779
ATEmix (inhalation-dust/mist) 2461.6
ATEmix (inhalation-vapor) 42.6mg/l

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

37.54% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Table with 4 columns: Chemical name, Toxicity to algae, Toxicity to fish, Toxicity to daphnia and other aquatic invertebrates. Rows include ETHOXY PROPANOL and GLYCOL ETHER DPM.

Persistence and degradability No information available.
Bioaccumulation Bioaccumulative potential.

Chemical name log Pow
GLYCOLEETHER DPM -0.064
34590-94-8

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



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
EINECS/ELINCS	-
DSL	not determined
NDSL	not determined
PICCS	not determined
ENCS	not determined
IECSC	not determined
AICS	not determined
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 %
ETHOXY PROPANOL	1.0
GLYCOL ETHER DPM	1.0
Proprietary	1.0

SARA 311/312 Hazard Categories

Acute Health Hazard Yes.



Safety Data Sheet

Chronic Health Hazard No.
Fire Hazard Yes.
Sudden release of pressure hazard No.
Reactive Hazard No.

Clean Water Act Component
GLYCOL ETHER DPM
34590-94-8

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants Present

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 DPM ALCOHOL and PROPRIETARY.

International Regulations

Mexico - Grade Moderate risk, Grade 2.

Table with 3 columns: Chemical Name, Carcinogen Status, Exposure Limits. Row for GLYCOL ETHER DPM with exposure limits for Mexico.

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
D2B Toxic Materials



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



## Safety Data Sheet

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