



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 - 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

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

Chemical name	CAS-No	Weight %
ETHOXY PROPANOL	1569-02-4	20-25
PROPIETARY		2.5-5
GLYCOL ETHER DB	112-34-5	2.5-5

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 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

Table with 4 columns: Chemical name, ACGIH TLV, OSHA PEL, NIOSH IDLH. Rows include ETHOXY PROPANOL and GLYCOL ETHER DB.

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

physical and chemical properties

Table with 2 columns: Property, Values. Rows include Physical state (liquid) and Odor Threshold (No information available).

Table with 2 columns: Property, Values. Row includes pH (No information available).



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.

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
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

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

ATEmix (oral) 5454 mg/kg

ATEmix (dermal) 5335 mg/kg

ATEmix (inhalation-gas) 891

ATEmix (inhalation-dust/mist) 2816.5

ATEmix (inhalation-vapor) 77.1 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

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

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



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 DB	1.0
Proprietary	1.0
Proprietary	1.0
Proprietary	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 Component

GLYCOL ETHER DB
34590-94-8
Proprietary

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

Present
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). 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
PROPRIETARY		X	X	X	
PROPRIETARY		X	X	X	
GLYCOL ETHER DB		X	X	X	
PROPRIETARY	X	X	X	X	
PROPRIETARY		X	X	X	
2-BUTOXYETHANOL	X	X	X	X	

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.