



1. IDENTIFICATION

Product

Product Name: Smith's Liquid Dye
Product Color: Orange
Product Code: SLD-45

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

GHS Label elements, including precautionary statements

Emergency Overview

Signal Word

Warning

Hazard Statements

H336 - May cause drowsiness or dizziness



Appearance orange liquid

Physical state liquid

Odor ether-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
- P501 - Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS-No	Weight %
GLYCOL ETHER DPM	34590-94-8	15-20



ETHOXY PROPANOL

1569-02-4

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 GLYCOL ETHER DPM 34590-94-8	ACGIH TLV 100 ppm 606 mg/m ³ TWA 150 ppm 909 mg/m ³ STEL	OSHA PEL Not established	NIOSH IDLH IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m ³ STEL: 150 ppm STEL: 900 mg/m
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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

Physical state	liquid	Odor	ether-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	> 112 °C / > 235 °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	1.07
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 DPM 34590-94-8	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	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
Target Organ Effects	Central nervous system, eyes, respiratory system
Aspiration hazard	No information available.

Numerical measures of toxicity - Product Information

Unknown acute toxicity 21.4 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)	6663 mg/kg
ATEmix (dermal)	12176 mg/kg
ATEmix (inhalation-dust/mist)	2212.7
ATEmix (inhalation-vapor)	143.7 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity



22.35% 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 DPM 34590-94-8		10000: 96 h Pimephales promelas mg/L LC50 static	1919: 48 h Daphnia magna mg/L EC50
ETHOXY PROPANOL 1569-02-4		10000: 24 h Pimephales promelas mg/L LC50 static	
Persistence and degradability	No information available.		
Bioaccumulation	Bioaccumulative potential.		
Chemical name		log Pow	
GLYCOLEETHER 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 – D007

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 34590-94-8	Section 4
EINECS/ELINCS	--
DSL	not determined
NDSL	not determined
PICCS	not determined
ENCS	not determined
IECSC	not determined
AICS	not determined
KECL	Listed
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/NDL - 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

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

Chemical Name	CWA – Reportable Quantities	CWA - Toxic Pollutants	CWA – Priority Pollutants
Proprietary		X	

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 DPM	X	X	X	X	

International Regulations

Mexico - Grade Moderate risk, Grade 2.

Chemical Name	Carcinogen Status	Exposure Limits
GLYCOL ETHER DPM		Mexico: TWA 100ppm Mexico: TWA 60 mg/m³ Mexico: STEL 150 ppm Mexico: STEL 900 mg/m³



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.