



Safety Data Sheet

Section 1 - Chemical Product and Company Information

Product Name: Smith's Liquid Dye 10 Royal Blue Product Code: SLD10

Trade Name: Royal Blue Liquid Dye

Manufactured by:
Smith Paint Products
2200 Paxton Street
Harrisburg, PA 17111
(800) 466-8781

Chemtrec
2900 Fairview Park Drive
Falls Church, VA 22042-4513
(800) 262-8200

Emergency Hot Line:
(800) 424-9300

Section 2 - Hazards Identification

GHS Ratings:

Eye corrosive

2A

Eye irritant: Subcategory 2A, Reversible in 21 days

GHS Hazards

H319

Causes serious eye irritation

GHS Precautions

P264

Wash ... thoroughly after handling

P280

Wear protective gloves/protective clothing/eye protection/face protection

P305+P351+P338

IF IN EYES: Rinse continuously 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

Signal Word: Warning



Section 3 - Composition/Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
	Inert	50.00% - 60.00%
DIETHYLENEGLYCOL MONOBUTYL ETHER	112-34-5	20.00% - 30.00%
PROPYLENE GLYCOL	57-55-6	10.00% - 20.00%

Section 4 - First Aid Measures

Inhalation: Move to fresh air. If symptoms persist, call a physician.

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for atleast 15 minutes .

Skin Contact: Wash off immediately with soap and plenty of water. While removing all contaminated clothes and shoes.

Ingestion: Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person.

Notes to Physician: Treat symptomatically.

Section 5 - Fire Fighting Measures

Flash Point: > 104 C (>219 F)

LEL:

UEL:

Flammable Limits:

Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide .

Unusual Fire/Explosion Hazards: No information available.

Fire Fighting Equipment: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6 - Accidental Release Measures

Spill/Leak Procedures: - 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.

Enviromental precautions: Prevent entry into waterways, sewers, basements or confined areas. Do not flush into water or sanitary sewer system. Prevent product from entering drains. Prevent futher leakage or spillage if safe to do so.

Methods for clean up: Soak up with inert absorbent material. Pick up and transfer properly labeled containers. After cleaning, flush away traces with water. Prevent product from entering drains. Dam up. Take precautionary measures against static discharges.

Section 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 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.

Section 8 - Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Inert	Not Established	Not Established	Not Established

DIETHYLENEGLYCOL MONOBUTYL ETHER 112-34-5	Not Established	Not Established	Not Established
PROPYLENE GLYCOL 57-55-6	Not Established	Not Established	Not Established

Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstance:

<p>Appearance: Liquid</p> <p>pH: No Data Available</p> <p>Boiling range: <100°C / 212°F</p> <p>Evaporation rate: No Data Available</p> <p>Upper flammability limit: No Data Available</p> <p>Vapor Pressure: No Data Available</p> <p>Specific Gravity 1.02</p> <p>Partition coefficient (n- octanol/water): No Data Available</p> <p>Explosive properties: No Data Available</p> <p>Oxidizing properties: No Data Available</p>	<p>Odor: butyl-like odor</p> <p>Melting point: Not Applicable</p> <p>Flash point: 104 C</p> <p>Flammability: No Data Available</p> <p>Lower flammability limit: No Data Available</p> <p>Vapor Density: No Data Available</p> <p>Solubility in other solvents: 100% water, acetone, denature alcohol</p> <p>Autoignition temperature: No Data Available</p> <p>Decomposition temperature: No Data Available</p> <p>Softening point: No Data Available</p>
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Section 10 - Stability and Reactivity

Stability:

STABLE

Incompatibilities/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.

Hazardous Decomposition: May emit toxic fumes under fire conditions.

Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity

Component Toxicity

112-34-5	DIETHYLENEGLYCOL MONOBUTYL ETHER Oral LD50: 7 mg/kg (Rat) Dermal LD50: 2,764 mg/kg (Rabbit)
57-55-6	PROPYLENE GLYCOL Oral LD50: 2,000 mg/kg (Rat)

Primary routes of entry: Inhalation, eye contact, skin contact.

CAS Number

Description

% Weight

Carcinogen Rating

Section 12 - Ecological Information

Component Ecotoxicity

DIETHYLENEGLYCOL
MONOBUTYL ETHER

Toxicity to fish static test LC50 - Lepomis macrochirus - 1,300 mg/l - 96 h
(OECD Test Guideline 203)

Toxicity to daphnia and
other aquatic invertebrates static test EC50 - Daphnia magna (Water flea) - >
100 mg/l - 48 h
(Directive 67/548/EEC, Annex V, C.2.)

Toxicity to algae static test EC50 - Desmodesmus subspicatus
(Scenedesmus subspicatus) - >
100 mg/l - 96 h
(OECD Test Guideline 201)

Toxicity to bacteria LC50 - Pseudomonas putida - 1,170 mg/l - 16 h

Persistence and degradability

Biodegradability aerobic - Exposure time 28 d
Result: 91.7 % - Readily biodegradable
(OECD Test Guideline 301B)

Bioaccumulative potential Does not bioaccumulate.

Mobility in soil No data available

Results of PBT and vPvB
assessment PBT/vPvB assessment not available as chemical safety
assessment not required/not conducted

Other adverse effects No data available

PROPYLENE GLYCOL

Fish: LC50 (Bluegill, 96 h): 51,400 mg/L Mortality
LC50 (Fathead minnow, 96 h): 51,600 mg/L Mortality

Aquatic

Invertebrates: LC50 (Water Flea, 48 h): 1000 mg/L

Section 13 - Disposal Considerations

Dispose in accordance with all applicable regulations.

Section 14 - Transport Information

This material is classified for transport as follows:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
ADR/RID		Unregulated		
DOT		Unregulated		
IATA		Unregulated		
IMDG		Unregulated		

Section 15 - Regulatory Information

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING!

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

- None

R2K List

- None

Section 16 - Other Information

Hazardous Material Information System (HMIS)

HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	H

HMIS & NFPA Hazard Rating

Legend

* = Chronic Health Hazard

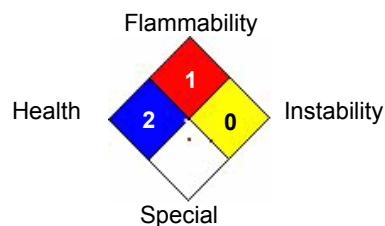
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

National Fire Protection Association (NFPA)



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Date Prepared: 2/17/2016