

Issue Date: 09-Sep-2014

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Version Number: 2

1. Identification

Product Identifiers

Product Name: Bright Dyes® Solvent 250 Blue Liquid

Product Number: 506250-B

Recommended Use & Restrictions on Use

Coloring agent for multiple applications

Manufacturer/Supplier

Kingscote Chemicals, Inc.
3334 South Tech Blvd.
Miamisburg, OH 45342
U.S.A.

Emergency Telephone Number

Company Telephone Number: (937) 886-9100

Emergency Telephone (24 hr.): INFOTRAC (800) 535-5053 (North America)
+1-352-323-3500 (International)

2. Hazards Identification

Classification

Category 3	Specific target organ toxicity (single exposure)
Category 3	Marine pollutant

Signal Word

Danger

Hazard-determining components of labeling

Solvent naphtha (petroleum), heavy arom.

Hazard Statements

May cause drowsiness or dizziness

May be fatal if swallowed and enters airways

Toxic to aquatic life with long lasting effects



Precautionary Statements

Avoid release to the environment

Collect spillage

Avoid breathing dust/fume/gas/mist/vapors/spray

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

DO NOT induce vomiting

Store locked up

Dispose of contents/container in accordance with local/regional/national/international regulations

Additional information:

42.3 % of the mixture consists of component(s) of unknown toxicity.

NFPA ratings (scale 0 - 4)

Health = 2

Fire = 1

Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = 2

Fire = 1

Reactivity = 0

Other hazards

Results of PBT and vPvB assessment

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3. Composition/Information on Ingredients

Chemical Name	CAS #	Weight %
Solvent naphtha (petroleum)	64742-94-5	30 - 60
Naphthalene	91-20-3	< 0.2%

**If Chemical Name/CAS # is "proprietary" and/or Weight % is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.*

4. First-Aid Measures

First-Aid Measures

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
Skin Contact	Wash thoroughly with soap and water until no traces of the chemical remain. Take off contaminated clothing and wash it before reuse. Seek medical attention if irritation develops.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Get medical attention in case of complaints.
Ingestion	Call a poison control center or physician immediately. Rinse mouth. Do not induce vomiting.

Most Important Symptoms and Effects

Symptoms No further relevant information available.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to Physician No further relevant information available.

5. Fire-Fighting Measures**Suitable Extinguishing Media**

Use fire fighting measure that suit the environment.

Unsuitable Extinguishing Media

Not determined

Specific Hazards Arising from the Chemical

Not determined

Protective Equipment and Precautions for Firefighters

No special measures required

6. Accidental Release Measures**Personal Precautions, Protective Equipment and Emergency Procedures**

Personal Precautions Not required.

Environmental Precautions Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.

Methods and Material for Containment and Cleaning Up

Methods for Containment Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.

Methods for Cleaning Up Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.

7. Handling and Storage**Precautions for Safe Handling**

Advice on Safe Handling No special precautions are necessary if proper handling procedures are followed.

Conditions for Safe Storage, Including Incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place.

8. Exposure Controls / Personal Protection

Exposure Guidelines

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls

Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

Individual Protection Measures, Such as Personal Protective Equipment:

General Protective and Hygienic Measures	Keep away from foodstuffs, beverages and feed. Wash hands before and after handling.
Eye/Face Protection	Chemical safety goggles/face shield.
Skin & Body Protection	Protective gloves recommended when prolonged contact cannot be avoided. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Suitable protective clothing is also recommended.
Respiratory Protection	Not required.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Physical State	Liquid	Odor	Aromatic
Appearance	Blue liquid	Odor Threshold	Not determined
Color	Blue		
<u>Property</u>	<u>Values</u>		
pH	Not determined		
Melting/Freezing Point	Not determined		
Boiling Point/Range	Not determined		
Flash Point	> 90°C (> 194°F)		
Evaporation Rate	Not determined		
Flammability (solid, gas)	Liquid – not applicable		
Ignition Temperature	430° C (806° F)		
Upper Flammability Limits	7.8 Vol %		
Lower Flammability Limits	1.0 Vol %		
Vapor Pressure	7 mm Hg @ 20°C		
Vapor Density	Not determined		
Relative Density	Not determined		
Solubility	Not miscible or difficult to mix		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Danger of Explosion	Product does not present an explosion risk		
Viscosity	10 mm ² /s (Kinematic at 40°C)		
Solids Content	42.3%		

10. Stability and Reactivity**Reactivity**

No further relevant information available.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

No further relevant information available.

Incompatible Materials

No further relevant information available.

Hazardous Decomposition Products

No dangerous decomposition products known.

11: Toxicological Information**Information on Likely Routes of Exposure**

Inhalation	Avoid breathing vapors or mists.
Ingestion	Do not ingest.
Skin Contact	May cause an allergic skin reaction.
Eye Contact	Avoid contact with eyes.

Acute toxicity

LD/LC50 values that are relevant for classification:

64742-94-5 Solvent naphtha (petroleum), heavy arom.

- Oral LD50 >5000 mg/kg (rat) (OECD Guideline 401)
- Dermal LD50 >2000 mg/kg (rabbit) (OECD Guideline 402)
- Inhalative LC50/4 h 4778 mg/l (rat) (OECD Guideline 403)

91-20-3 Naphthalene

- Oral LD 50: 490 mg/kg (Rat)
- Dermal LD 50: 5000 mg/kg (Rat)

Delayed, Immediate, and Chronic Effects from Short- and Long-Term Exposure

No irritant effect.

Numerical Measures of Toxicity

Not determined

Symptoms Associated with Exposure

See Section 4 of this SDS for symptoms.

Carcinogenicity

Carcinogenic Status: Contains Naphthalene, which is classified as carcinogenic by IARC (Group 2B) and NTP (Group 2-Reasonably anticipated).

NTP	Naphthalene (91-20-3)
IARC	Naphthalene (91-20-3)
OSHA	None of the ingredients is listed.

12. Ecological Information**Ecotoxicity**

- Water hazard class 2 (Self-assessment): hazardous for water.
- Do not allow product to reach ground water, water course, or sewage system.

Aquatic toxicity**64742-94-5 Solvent naphtha (petroleum), heavy arom.**

- Oral LC50 aquatic: 3.6 mg/l (Oncorhynchus mykiss)
- EC50 3.6 mg/kg (Oncorhynchus mykiss) (96 hr)
- Toxic for fish and aquatic organisms.

Component Information

Not available

Persistence/Degradability

No further relevant information available.

Bioaccumulation

No further relevant information available.

Mobility

No further relevant information available.

Other Adverse Effects

Water hazard class 2: Hazardous for water. Danger to drinking water if even small quantities leak into the ground. Also poisonous for fish and plankton in water bodies.

13. Disposal Considerations**Waste Disposal Methods**

Dispose of in accordance with federal, state, and local regulations. Must not be disposed of together with household garbage.

Contaminated Packaging

Do not re-use empty containers. Dispose of containers in accordance with federal, state, and local regulations.

14. Transport Information

UN-Number

- **DOT:** N/A
- **IMDG, IATA, TDG:** UN3082

UN proper shipping name

- **DOT, TDG:** N/A
- **IMDG:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Solvent naphtha), MARINE POLLUTANT
- **IATA:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Solvent naphtha)

Transport hazard class(es)

- **DOT, TDG**
 - **Class:** N/A
 - **Label:** Not regulated
- **IMDG, IATA**
 - **: Class:** 9 Miscellaneous dangerous substances and articles
 - **: Label:** 9

Packing group

- **DOT, TDG:** N/A
- **IMDG, IATA:** III

Environmental hazards: Product contains environmentally hazardous substances:

Solvent naphtha

- **Marine pollutant:** Yes Symbol (fish and tree)
- **Special marking (IATA):** Symbol (fish and tree)

Special precautions for user: Warning: Miscellaneous dangerous substances and articles

- **Danger code (Kemler):** 90
- **EMS Number:** F-A,S-F
- **Stowage Category:** A

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: N/A

Transport/Additional information:

- **IMDG**
 - **Limited quantities (LQ)** 5L
 - **Excepted quantities (EQ)** Code: E1
 - Maximum net quantity per inner packaging: 30 ml
 - Maximum net quantity per outer packaging: 1000 ml
- **UN "Model Regulation":**
 - UN3082, Environmentally hazardous substances, liquid, n.o.s. (Solvent naphtha), 9, III

Note

See current shipping paper for most up-to-date shipping information, including exemptions and special circumstances.

15: Regulatory Information

International Inventories

No data available

U.S. Federal Regulations

SARA 311/312	Not applicable.
SARA 302/304 RQ	Not applicable.
CWA (Clean Water Act)	Not applicable.

CERCLA – Hazardous Substances	91-20-3 Naphthalene (100 Lbs. or 4 kgs)
TSCA	All ingredients are listed
United States inventory (TSCA 8b)	All components are listed or exempted.

U.S. State Regulations

	Chemical Name	CAS #
California Proposition 65	Naphthalene	91-20-3

US State Right to Know Regulations

California:	Naphthalene.(91-20-3)
Massachusetts:	Naphthalene (91-20-3)
New York:	None of the components are listed.
New Jersey:	Naphthalene.(91-20-3)
Pennsylvania:	Naphthalene (91-20-3), Solvent naphtha (64742-94-5)
Minnesota:	None of the components are listed
Rhode Island:	Naphthalene.(91-20-3)
Illinois:	Naphthalene.(91-20-3)

Carcinogenic categories**EPA (Environmental Protection Agency)**

- 91-20-3 Naphthalene C, CBD

TLV (Threshold Limit Value established by ACGIH)

- 91-20-3 Naphthalene A4

NIOSH-Ca (National Institute for Occupational Safety and Health)

- None of the ingredients is listed.

Canadian Substance Listings:**Canadian Domestic Substances List (DSL)**

- 64742-94-5 Solvent naphtha (petroleum), heavy arom.
- 91-20-3 Naphthalene

Canadian Ingredient Disclosure list (limit 0.1%)

- None of the ingredients are listed.

Canadian Ingredient Disclosure list (limit 1%)

- None of the ingredients are listed.

16: Other Information

Issue Date	09-Sep-2014
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Revision Note	Content Review

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet