Kingscote CHEMICALS

Safety Data Sheet

Issue Date: 09-Sep-2014 **Revision Date:** 01-Mar-2017 **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 = 1
Fire = 1
Reactivity = 0

HMIS-ratings (scale 0 - 4)
Health = 1
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	50 - 70
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		

Property	Values
pH	Not determined
Melting/Freezing Point	Not determined
Boiling Point/Range	Not determined
Flash Point	> 100°C (> 212°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