

Issue Date: 09-Sep-2014

Revision Date: 02-Mar-2017

Version Number: 1.1

1. Identification

Product Identifiers

Product Name: Bright Dyes® Solvent 250 Red Liquid

Product Number: 506250-R

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

Warning

Hazard-determining components of labeling:

2-Naphthalenol, 1-[2-[4-(2-phenyldiazenyl)phenyl]diazenyl]-, ar-heptyl ar',ar''-Me derivs.'

Hazard Statements

May cause drowsiness or dizziness
Toxic to aquatic life with long lasting effects
Health hazard
Suspected of damaging fertility or the unborn child



Precautionary Statements

Keep away from heat/sparks/open flames/hot surfaces. – No smoking
Use explosion-proof electrical/ventilating/lighting/equipment
Wear protective gloves/protective clothing/eye protection/face protection
Ground/bone container and receiving equipment

Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood
 Keep container tightly closed
 Use only non-sparking tools
 Take precautionary measures against static discharge
 Avoid breathing dust/fume/gas/mist/vapors/spray
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 DO NOT induce vomiting
 IF ON SKIN (or hair: Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 Get medical advice / attention
 Store locked up
 Dispose of contents/container in accordance with local/regional/national/international regulations

Hazard Not Otherwise Classified (HNOC)

May be harmful if swallowed
 May be harmful in contact with skin

3. Composition/Information on Ingredients

| Chemical Name | CAS # | Weight % |
|---|------------|----------|
| Distillates (petroleum), hydrotreated light naphthenic | 64742-53-6 | 50 – 70 |
| 2-Naphthalenol, 1-[2-[4-(2-phenyldiazenyl)phenyl]diazenyl]-, ar-heptyl ar',ar''-Me derivs | 92257-31-3 | 35 – 45 |

**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

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| 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. |
| 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 measures that suit the environment.

Unsuitable Extinguishing Media

Not determined

Specific Hazards Arising from the Chemical

Not determined

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, Protective Equipment and Emergency Procedures

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| Personal Precautions | Use personal protective equipment as required. |
| Environmental Precautions | Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12 and Section 13. |

Methods and Material for Containment and Cleaning Up

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| Methods for Containment | Prevent further leakage or spillage if safe to do so. |
| Methods for Cleaning Up | Contain and collect with an inert absorbent and place into an appropriate container for disposal. |

7. Handling and Storage

Precautions for Safe Handling

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| Advice on Safe Handling | Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. |
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Conditions for Safe Storage, Including Incompatibilities

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| Storage Conditions | Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Keep/store only in original container. |
| Incompatible Materials | No further relevant information available. |

8. Exposure Controls / Personal Protection

Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering Controls

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

Individual Protection Measures, Such as Personal Protective Equipment:

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| Eye/Face Protection | Chemical safety goggles/face shield. |
| Skin & Body Protection | Protective gloves recommended when prolonged contact cannot be avoided. The following glove materials are acceptable: Polyethylene, Polyvinyl Chloride (PVC), Neoprene, Nitrile, Polyvinyl Alcohol, Viton. Suitable protective clothing. |
| Respiratory Protection | Respiratory protection usually not needed unless product is heated or misted. Use only NIOSH-certified respiratory protection. |
| Hygiene Measures | Handle in accordance with good industrial hygiene and safety practice. |

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| 9. Physical and Chemical Properties |
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Information on Basic Physical and Chemical Properties

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|----------------------------------|--|-----------------------|----------------|
| Physical State | Liquid | Odor | Characteristic |
| Appearance | Dark red liquid | Odor Threshold | Not determined |
| Color | Dark red | | |
| <u>Property</u> | <u>Values</u> | | |
| pH | Not determined | | |
| Melting/Freezing Point | Not determined | | |
| Boiling Point/Range | 230 °C (446 °F) | | |
| Flash Point | > 100°C (> 212°F) | | |
| Evaporation Rate | Not determined | | |
| Flammability (solid, gas) | Liquid – not applicable | | |
| Upper Flammability Limits | 7.0 Vol % | | |
| Lower Flammability Limits | 1.1 Vol % | | |
| Vapor Pressure | 5 mm Hg @ 20°C | | |
| Vapor Density | Not determined | | |
| Relative Density | Not determined | | |
| Specific Gravity | 0.95 | | |
| Solubility | Not miscible or difficult to mix | | |
| Partition Coefficient | Not determined | | |
| Auto-ignition Temperature | Product is not self-igniting. | | |
| Decomposition Temperature | Not determined | | |
| Viscosity | 100 mm ² /s (Kinematic at 40°C) | | |

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| 10. Stability and Reactivity |
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Reactivity

Not reactive under normal conditions.

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**

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

Information on toxicological effects**Acute toxicity:****LD/LC50 values that are relevant for classification:****64742-53-6 Distillates (petroleum), hydrotreated light naphthenic**

- Oral LD50 >5000 mg/kg (rat)
- Dermal LD50 >2000 mg/kg (rabbit)

92257-31-3 2-Naphthalenol, 1-[2-[4-(2-phenyldiazenyl)phenyl]diazanyl]-, ar-heptyl ar',ar''-Me derivs.

- Oral LD50 >5000 mg/kg (rat)

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

May cause an allergic skin reaction.

Numerical Measures of Toxicity

Not determined

Symptoms Associated with Exposure

See Section 4 of this SDS for symptoms.

Carcinogenicity

| | |
|-------------|------|
| NTP | None |
| IARC | None |
| OSHA | None |

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.

Danger to drinking water if even small quantities leak into the ground.

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

No further relevant information available.

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| 13. Disposal Considerations |
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Waste Disposal Methods

Dispose of in accordance with federal, state, and local regulations.

Contaminated Packaging

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

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| 14. Transport Information |
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UN-Number

: DOT, ADN, IMDG, IATA N/A

UN proper shipping name

: DOT, ADN, IMDG, IATA N/A

Transport hazard class(es):**DOT, IMDG, IATA**

: Class N/A

: Label NOT REGULATED

: ADN/R Class: N/A

Packing group

: DOT, IMDG, IATA N/A

Environmental hazards:

: Marine pollutant: N/A

Special precautions for user N/A

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

UN "Model Regulation": NOT REGULATED

Note

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

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| 15: Regulatory Information |
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International Inventories

Toxic Substances Control Act Listed

U.S. Federal Regulations

| | Chemical Name | CAS # |
|------------------------------|---|--------------|
| CERCLA | N/A | N/A |
| SARA 313 | N/A | N/A |
| CWA (Clean Water Act) | This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42). | - |

U.S. State Regulations

| | Chemical Name | CAS # |
|----------------------------------|----------------------|--------------|
| California Proposition 65 | N/A | N/A |

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Minnesota |
|---|-------------------|----------------------|---------------------|---------------------|------------------|
| Distillates (petroleum), hydrotreated light naphthenic 64742-53-6 | - | X | - | - | - |

16: Other Information**HMIS**

| Health Hazards | Flammability | Instability | Special Hazards |
|----------------|--------------|-------------|-----------------|
| 1 | 1 | 0 | Not determined |

NFPA

| Health Hazards | Flammability | Physical Hazards | Personal Protection |
|----------------|--------------|------------------|---------------------|
| 1 | 1 | 0 | B |

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|----------------------|----------------|
| Issue Date | 09-Sep-2014 |
| Revision Date | 02-Mar-2017 |
| 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