# SAFETY DATA SHEET
## SUPER SIGNAL BLUE

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

**1.1. Product identifier**

- **Product name**: SUPER SIGNAL BLUE
- **Product number**: SPR005/5

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

- **Identified uses**: Marking dye.

**1.3. Details of the supplier of the safety data sheet**

- **Supplier**: Headland Amenity Ltd
  - 1 Burr Elm Court
  - Main Street
  - Caldecote
  - Cambridge
  - Cambridgeshire
  - CB23 7NU
  - Tel. +44 (0)1223 491090
  - sds.enquiries@headlandamenity.com

- **Contact person**: Wendy Johnson

**1.4. Emergency telephone number**

- **Emergency telephone**: +44 (0)1223 491090 (9.00 - 5.00 GMT Mon-Fri)

### SECTION 2: Hazards identification

**2.1. Classification of the substance or mixture**

- **Classification (EC 1272/2008)**
  - **Physical hazards**: Not Classified
  - **Health hazards**: Not Classified
  - **Environmental hazards**: Not Classified

**2.2. Label elements**

- **Hazard statements**: NC Not Classified

**2.3. Other hazards**

- This product does not contain any substances classified as PBT or vPvB.

### SECTION 3: Composition/information on ingredients

**3.2. Mixtures**

- **Composition comments**: The data shown are in accordance with the latest EC Directives. No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure.

### SECTION 4: First aid measures

**4.1. Description of first aid measures**
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Inhalation
Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion
Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

Skin contact
Remove affected person from source of contamination. Take off contaminated clothing and wash it before reuse. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact
Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation
May cause respiratory system irritation.

Ingestion
May cause discomfort if swallowed.

Skin contact
Prolonged skin contact may cause redness and irritation.

Eye contact
May cause temporary eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor
No specific recommendations.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media
None known.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

5.3. Advice for firefighters

Protective actions during firefighting
No specific firefighting precautions known. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

Special protective equipment for firefighters
Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions
Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions
Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up
Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections
SUPER SIGNAL BLUE

Reference to other sections Collect and dispose of spillage as indicated in Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid spilling. Avoid contact with skin and eyes. Wash hands thoroughly after handling. Provide adequate ventilation.

Advice on general occupational hygiene Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from frost. Keep away from heat. Keep away from combustible materials. Acids. Avoid contact with oxidising agents.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Ingredient comments No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment

Appropriate engineering controls Provide adequate ventilation.

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield. Provide eyewash station.

Hand protection Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Other skin and body protection Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke. Use appropriate skin cream to prevent drying of skin.

Respiratory protection No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Liquid.

Colour Dark blue

Odour Mild. or Odourless.
SUPER SIGNAL BLUE

Odour threshold
No information available.

pH
pH (concentrated solution): 3.5

Melting point
No information available.

Initial boiling point and range
< 110°C

Flash point
< 121°C

Evaporation rate
No information available.

Evaporation factor
No information available.

Flammability (solid, gas)
Not applicable.

Vapour pressure
No information available.

Vapour density
No information available.

Relative density
0.29

Bulk density
No information available.

Solubility(ies)
Dispersible in water.

Partition coefficient
No information available.

Auto-ignition temperature
Not applicable.

Decomposition Temperature
No information available.

Explosive properties
Not considered to be explosive.

Oxidising properties
Does not meet the criteria for classification as oxidising.

9.2. Other information
Other information
No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity
Reactivity
There are no known reactivity hazards associated with this product. Stable under normal conditions.

10.2. Chemical stability
Stability
Stable at normal ambient temperatures. Stable under normal conditions.

10.3. Possibility of hazardous reactions
Possibility of hazardous reactions
No potentially hazardous reactions known.

10.4. Conditions to avoid
Conditions to avoid
Extreme temperatures. Direct sunlight.

10.5. Incompatible materials
Materials to avoid
Strong acids. Oxidising agents.

10.6. Hazardous decomposition products
Hazardous decomposition products

SECTION 11: Toxicological information
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11.1. Information on toxicological effects

Toxicological effects
No information available.

Inhalation
Gas or vapour in high concentrations may irritate the respiratory system.

Ingestion
May cause discomfort if swallowed.

Skin contact
Liquid may irritate skin.

Eye contact
Vapour or spray in the eyes may cause irritation and smarting.

SECTION 12: Ecological Information

Ecotoxicity
Not regarded as dangerous for the environment.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability
No information available.

12.3. Bioaccumulative potential

Bioaccumulative potential
No information available.

Partition coefficient
No information available.

12.4. Mobility in soil

Mobility
The product is miscible with water and may spread in water systems.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment
This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects
Not applicable.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods
Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General
The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.
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14.5. Environmental hazards
Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user
Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
Transport in bulk according to Annex II of MARPOL 73/78
and the IBC Code
Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
EU legislation

15.2. Chemical safety assessment
No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments
Supplier contact and emergency contact details updated.
Revision date
04/09/2015
Revision
4
Supersedes date
26/06/2015
Risk phrases in full
Not classified.

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