# Wrightson Orange

| **Ref:** SDS30/3522 | **Issued Date:** February 2024 | **Version:** 3.2 |
|---|---|---|

## 1. Identification

**Product Identifier:** 30/3522

**Trade Name:** Spectrasperse WB Pigment Dispersion – Wrightson **Orange**

**Product Description:** Industrial Colour Concentrate

**Recommended Use:** For Industrial and/or Professional use only

**Manufacturer:** Spectrum Colour Technologies Ltd

**Address:** 992 Waimate Highway, Otaio, Timaru RD1, South Canterbury, 7971, New Zealand

**Telephone No:** +64 (03) 612 6113

**Email:** paul@spectrumcolour.co.nz

## 2. Hazard Identification

**Hazard Classification –** Assessment of the substance / mixture undertaken using Revision 7 of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS 7) adopted in New Zealand 30th April 2021.

| | |
|---|---|
| **Classification** | Classified as Hazardous according to the criteria of the Hazardous Substances (Minimum Degrees of Hazard) Notice 2020. |
| **EPA New Zealand Group Standard** | Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2020 |
| **EPA New Zealand HSNO Approval Code** | HSR002670 |

### GHS 7 Classification

| Hazard Class | Category |
|---|---|
| Serious Eye Damage | Category 1 |

| | |
|---|---|
| **Pictograms** |  |

| | |
|---|---|
| **GHS Signal Word:** | Danger |

| **GHS Hazard Statements** |
|---|
| Causes serious eye damage |

### GHS Prevention Precautionary Statements

Wear eye protection/face protection.

### GHS Response Precautionary Statements

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor or eye specialist if discomfort or vision problems persist.

### Storage Precautionary Statements

Use Good Handling and Storage Systems.
Store in a well-ventilated place. Keep container tightly closed.

### Disposal Precautionary Statements

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

### Other Hazards

Not Applicable

### Label Elements

As above

### Transport Information

For further information on transport refer to section 14.

| | | |
|---|---|---|
| **Dangerous Goods for Transport** |  | Not classified as Dangerous Goods for transport according to the criteria of the New Zealand Standard NZS 5433:2020 Transport of Dangerous Goods on Land. See section 14 for further transport information. |

## 3. Composition / Information on Ingredients

### Ingredients

| Name | CAS | Proportion |
|---|---|---|
| Alcohols, C12-14, ethoxylated | 68439-50-9 | <10% |
| Ingredients determined not to be hazardous | - | To 100% |

**Note:** It has been determined that some associated hazards of the ingredients listed are above the threshold level and therefore the final product is deemed hazardous according to the criteria of the Hazardous Substances (Minimum Degrees of Hazard) Notice 2020.

## 4. First Aid Measures

### Inhalation
Move to fresh air. If symptoms develop and persist, seek medical attention.

### Skin
Flush skin with water. Remove contaminated clothing and wash before re-use. If irritation occurs, seek medical advice.

### Eye
Immediately rinse with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Remove contact lenses if able to do so and continue flushing eyes with running water. Immediately call a doctor or eye specialist if discomfort or vision problems persist.

### Ingestion
DO NOT induce vomiting. Rinse mouth with water. If symptoms develop, seek medical attention.

### Symptoms / Effects
No specific symptoms.

### Medical Attention and Special Treatment:
Treat symptomatically.
NZ Poisons Centre 0800 POISON (0800 764 766)

## 5. Fire Fighting Measures

### General Fire Hazards
This product is not flammable.

### Suitable Extinguishing Media
There is no restriction on the type of fire extinguisher which may be used. Use fire extinguishing media and methods suitable to surrounding conditions.

### Specific Hazards from Product
None known, however may emit toxic and/or irritating fumes predominantly from the packaging (plastic pail).

### Precautions in connection with Fire
As in any fire, Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

## 6. Accidental Release Measures

### Personal Precautions
Wear appropriate personal protective equipment and clothing, as described in section 8 Personal Protection, to minimise exposure. Increase ventilation.

### Environmental Precautions
Keep spills (and as much as possible cleaning runoffs) from entry into the waterways. Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

### Methods and Materials for Containment and Cleaning Up
If possible contain the spill. Place an inert absorbent material onto spillage. Collect the material and place into suitable labelled container. Dispose of waste according to federal, Environmental Protection Authority and state regulations.

## 7. Handling and Storage

### Precautions for Safe Handling
Use in a well-ventilated area. Wear appropriate protection to avoid exposure. Use good hygiene practices.

### Conditions for Safe Storage
Store in a cool, dry well-ventilated area away from heat and store out of direct sunlight. Avoid extremes of temperatures. Keep containers closed when not in use and securely sealed and protected against physical damage.

## 8. Exposure Controls and Personal Protection

### National Exposure Standards for Mixture
No exposure standards have been established for this material by the Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour.

### Engineering Controls
Engineering controls are used to remove a hazard or place a barrier between the worker and the potential hazard.
Use with good general ventilation. If mists or vapours are produced local exhaust ventilation should be used.

### Eye Protection
Safety glasses with side shields, tightly fitting goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken.

### Hand Protection
Wear gloves of impervious material. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling and according to risk assessments undertaken.

### Body Protection
Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.

### Respiratory Protection
If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used, suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision.

## 9. Physical and Chemical Properties

| | | | |
|---|---|---|---|
| **Appearance** | Orange coloured liquid | **Vapour pressure (kPa)** | Not Available |
| **Odour** | Mild | **Vapour density (Air=1)** | Not Available |
| **Odour Threshold** | Not Available | **Relative density (Water=1)** | 1.1 – 1.2 approx |
| **pH** | 8 - 10 | **Solubility in water (g/L)** | Miscible |
| **Melting / Freezing point (°C)** | Approx. -5 (°C) | **Partition coefficient n-octanol/water** | Not Available |
| **Initial boiling point and boiling range (°C)** | Approx. 108 (°C) | **Auto-ignition temperature (°C)** | Not Available |
| **Flash point (°C)** | Not Available | **Decomposition temperature** | Not Available |
| **Flammability** | Not Available | **Kinematic viscosity (cSt)** | Not Available |
| **Explosive limits** | Not Available | **Particle characteristics** | Not Available |

## 10. Stability and Reactivity

### Reactivity
No relevant information available.

### Chemical Stability
Stable under normal conditions.

### Possibility of Hazardous Reactions
Hazardous polymerisation will not occur.

### Conditions to Avoid
Extremes of temperature and direct sunlight.

### Incompatible Materials
No relevant information available.

### Hazardous Decomposition Products
No dangerous decomposition products known.

## 11. Toxicological Information

### Toxicology Information

| Acute Toxicity: | Calculated LD50 as a mixture |
|---|---|
| LD50 oral; rat | >5000 mg/kg |

Information on: Alcohols, C12-14, ethoxylated
Experimental/calculated data:
LD50 rat (oral): > 300 - 2,000 mg/kg
Literature data.

Information on: Alcohols, C12-14, ethoxylated
Experimental/calculated data:
LD50 rat (dermal): > 2,000 - 5,000 mg/kg
Literature data.
Inhalation

### Inhalation
Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

### Ingestion
Ingestion of this product may cause irritation and malaise. May irritate the gastric tract causing nausea and vomiting.

### Skin
May cause redness, itching and irritation.

Information on: Alcohols, C12-14, ethoxylated
Experimental/calculated data:
Skin corrosion/irritation rabbit: non-irritant
Literature data.

### Eye
May cause eye irritation, tearing, stinging, blurred vision and redness.

Information on: Alcohols, C12-14, ethoxylated
Experimental/calculated data:
Serious eye damage/irritation rabbit: irreversible damage
Literature data.

### Chronic Effects
No relevant information available.

## 12. Ecological Information

### Ecotoxicity
No ecological data is available for this material.

### Persistence / Degradability
No relevant information available.

### Bioaccumulative potential
No relevant information available.

### Mobility in the Soil
No relevant information available.

### Other Adverse Effects / Environment Protection
Avoid contaminating waterways.
Other ecotoxicological advice:
The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

## 13. Disposal Considerations

### Disposal Considerations
Dispose of waste product and contaminated packaging according to regional, national and Environmental Protection Authority regulations.
Persons conducting disposal should ensure that appropriate personal protection is used.

## 14. Transport Information

### Transport Information
In respect to: Land Transport NZ / Marine Transport IMO/IMDG / Air Transport IATA/ICAO

| | | |
|---|---|---|
| **Dangerous Goods for Transport** |  | Not classified as Dangerous Goods for transport according to the criteria of the New Zealand Standard NZS 5433:2020 **Transport of Dangerous Goods on Land**.<br><br>Not classified as Dangerous Goods by the criteria of the **International Maritime Dangerous Goods Code (IMDG Code) for transport by sea**.<br><br>**IMDG Marine Pollutant:** No<br>**IMDG Proper Shipping Name:** Not dangerous for conveyance under IMO/IMDG code<br><br>Not classified as Dangerous Goods by the criteria of the **International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air**.<br>**IATA/ICAO Proper Shipping Name:** Not dangerous for conveyance under IATA code |

| UN Number | Proper Shipping Name | Class | Packing Group | Hazchem Code |
|---|---|---|---|---|
| None allocated | None allocated | None allocated | None allocated | None allocated |

| | |
|---|---|
| **Special Precautions for User:** | Not available |
| **Transport in Bulk:** | Consult IMO regulations before transporting ocean bulk.<br>Transport in bulk according to MARPOL 73/78 and the IBC or IGC Code. |
| **Info:** | This information is not intended to convey all specific regulatory or operational requirements / information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. |

## 15. Regulatory Information

### Regulatory Information

| | |
|---|---|
| **Country / Region** | New Zealand |
| **Classification** | Classified as Hazardous according to the criteria of the Hazardous Substances (Minimum Degrees of Hazard) Notice 2020. |
| **EPA Group Standard** | Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2020 |
| **HSNO Approval Number** | HSR002670 |
| **Tracking** | Not required as per NZ Health and Safety at Work (Hazardous Substances) Regulations 2017 |
| **Certified Handler** | Not required as per NZ Health and Safety at Work (Hazardous Substances) Regulations 2017 |
| **Controlled Substance** | Not applicable as per NZ Health and Safety at Work (Hazardous Substances) Regulations 2017 |
| **Agricultural Compounds and Veterinary Medicines Act 1997** | Not applicable |
| **Montreal Protocol (Ozone depleting substances)** | Not applicable |
| **The Stockholm Convention (Persistent Organic Pollutants)** | Not applicable |
| **The Rotterdam Convention (Prior Informed Consent)** | Not applicable |
| **Basel Convention (Hazardous Waste)** | Not applicable |
| **International Convention for the Prevention of Pollution from Ships (MARPOL)** | Not applicable |

### International Inventories

All of the components of this product have been checked against the listed inventories with the following results:

| | | |
|---|---|---|
| **Australia** | AIIC / AICIS | The components of this product are listed or exempt in the Australian Inventory of Industrial Chemicals (AIIC). |
| **New Zealand** | NZIoC | The components of this product are listed or exempt in the New Zealand Inventory of Chemicals (NZIoC). |

## 16. Other Information

### Date of Preparation / Last Revision of SDS

| | |
|---|---|
| **Date of Issue** | February 2024 |
| **Version** | 3.2 |
| **Reason for Issue** | Removed aquatic hazard |
| **SDS Superseded** | December 2023 v3.1 |

### Key or legend to abbreviations and acronyms used in the safety data sheet

EPA: Environmental Protection Authority
HSNO: Hazardous Substances and New Organisms (Act; New Zealand)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals

**Contact Person / Point**

For specialist advice in emergencies: 0800 POISON (0800 764 766) NZ Poisons and Hazardous Chemicals
0800 154 666 NZ Emergency Response
111 NZ Fire Service

**NOTE:** This SDS summarizes Spectrum Colour Technologies Ltd best knowledge of the health and safety hazards of the manufactured product and how to safely handle and use this product in the workplace based on suppliers' raw material safety data sheets and current legislation at the date of its publication. Our products are intended for sale to industrial and commercial customers to which should undertake relevant inspection and testing before use as to satisfy themselves on suitability for their specific application. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products. This information is given without any warranty or representation. Spectrum Colour Technologies Ltd disclaims any responsibility for damages, or liability, of any kind from the use of this information. It is offered solely for your consideration, investigation, and verification. Before using any product, read its label.

## END OF SDS