

Wrightson Purple

Ref: SDS30/7518

Issued Date: October 2023

Version: 2.0

1. Identification

Product Identifier: 30/7518
Trade Name: Spectrasperse WB Pigment Dispersion – **Wrightson Purple**
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
Reproductive toxicity	Category 2
Eye Irritation	Category 2
Hazardous to the Aquatic Environment – Chronic	Category 3

Pictograms	 
GHS Signal Word:	Warning

GHS Hazard Statements

Suspected of damaging fertility or the unborn child
Causes serious eye irritation
Harmful to aquatic life with long lasting effects

GHS Prevention Precautionary Statements

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wash hands thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection
Avoid release to the environment.

GHS Response Precautionary Statements

IF exposed or concerned: Get medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Storage Precautionary Statements

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

Disposal Precautionary Statements

Do not discharge into lakes, streams, ponds and ground water supply.
Dispose of contents/container in accordance with local, regional, national and international regulations

Other Hazards

Not Applicable

Label Elements

Triggers on label for Eye Irritation and Hazardous to the Aquatic Environment – Chronic
Reproductive toxicity not required as below trigger level, refer to section 3

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 5433:2012 Transport of Dangerous Goods on Land. See section 14 for further transport information.

3. Composition / Information on Ingredients

Ingredients

Name	CAS	Proportion
1,1,1-Trimethylolpropane	77-99-6	<1%
Alcohols, C12-14, ethoxylated	68439-50-9	<3%
Violet RL	6358-30-1	<10%
Ingredients determined not to be hazardous	-	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.

Labelling Requirements

Based on Hazardous Substances (Labelling) Notice 2017 as amended by the EPA Notices (Amendments and Revocations) Notice 2020

Name	CAS	Result
1,1,1-Trimethylolpropane	77-99-6	Below concentration cut-off level
Alcohols, C12-14, ethoxylated	68439-50-9	Labelling for Eye Irritation and Aquatic hazard
Violet RL	6358-30-1	Labelling for Eye Irritation

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. . If eye irritation persists: Get medical advice/attention.

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	Purple 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	>2000 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.

Reproductive Toxicity

Information based on hazardous component of this product:

Suspected of damaging fertility. Suspected of damaging the unborn child.

Classified as Cat 2 Reproductive toxicity.

Data on hazardous raw material component:

1,1,1-Trimethylolpropane

Effects on foetal development:

Species: Rat, male and female

Strain: wistar

Application Route: Oral

General Toxicity Maternal: no observed adverse effect: 100mg/kg body weight

Developmental Toxicity: no observed adverse effect: 100mg/kg body weight

Method: OECD Test Guideline 443

GLP: yes

Reproductive Toxicity – Assessment:

Some evidence of adverse effects on sexual function and fertility, and/or on development, based on animal experiments.

Suspected of damaging fertility. Suspected of damaging the unborn child.

12. Ecological Information

Ecotoxicity

No ecological data is available for this material however it would be regarded as a long-term marine pollutant.

Data provided on hazardous raw material:

Toxicity to fish:

LC50 > 1 - 10 mg/l, Fish

Aquatic invertebrates:

EC50 > 1 - 10 mg/l, Daphnia magna

Aquatic plants:

EC50 > 1 - 10 mg/l, algae

No observed effect concentration > 0.1 - 1 mg/l, algae

Microorganisms/Effect on activated sludge:

EC0 > 100 mg/l, bacteria (OECD Guideline 209)

Chronic toxicity to fish:

No data available.

Chronic toxicity to aquatic invertebrates:

No observed effect concentration, > 0.1 - 1 mg/l, Daphnia magna

Information on: Alcohols, C12-14, ethoxylated

Toxicity to fish:

LC50 (48 h) > 1 - 10 mg/l, Leuciscus idus (Screening (style of OECD 203))

Literature data.

Information on: Alcohols, C12-14, ethoxylated

Aquatic invertebrates:

EC50 (48 h) > 1 - 10 mg/l, Daphnia magna (other)

Literature data.

Information on: Alcohols, C12-14, ethoxylated
Aquatic plants:
EC50 (72 h) > 1 - 10 mg/l, algae
acute Effect Literature data.

No observed effect concentration > 0.1 - 1 mg/l, algae
long-term effect Literature data.

Information on: Alcohols, C12-14, ethoxylated
Chronic toxicity to aquatic invertebrates:
No observed effect concentration, > 0.1 - 1 mg/l, Daphnia magna
Literature data.

Assessment of terrestrial toxicity:
No data available concerning terrestrial toxicity.

Persistence / Degradability

No relevant information available.

Data provided on hazardous raw material:
Assessment biodegradation and elimination (H2O):
The ecotoxic component(s) is/are readily biodegradable.

Information on: Alcohols, C12-14, ethoxylated
Assessment biodegradation and elimination (H2O):
Readily biodegradable (according to OECD criteria).

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 5433:2012 Transport of Dangerous Goods on Land .
		Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
		IMDG Marine Pollutant: No IMDG Proper Shipping Name: Not dangerous for conveyance under IMO/IMDG code
		Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air. 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. 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	October 2023
Version	2.0
Reason for Issue	Review to GHS7
SDS Superseded	May 2018 v1.1

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