



## All Colour Supplies Pty Ltd

5 Stuart Street,  
Padstow NSW 2211  
Australia



1300 138 203



PO Box 130,  
Panania NSW 2213

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### Technical Specification & Safety Data Sheet (SDS)

#### Dispersion Green Agricultural WB - ACS-3282.3

#### Low Impurities & Heavy Metals Grade

Product Name	Dispersion Green – Agricultural (Pigment Green 7) 40% - ACS-3282.3	
Chemical Name	Copper Phthalocyanine (Chlorinated)	
CAS #	Phthalocyanine Green	Water
	1328-53-6	7732-18-5
Formula	$C_{37}H_{42}N_4O_9S_3$	$H_2O$
Country of Origin	Australia	
Manufacturer	All Colour Supplies Pty Ltd	

### Batch Details

Batch (lot) Number:	BN0005387
Manufacture Date:	July 2025
Expiry Date: Shelf Life:	June 2030 5 Years – (Re-Test)

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No signature is required to validate***

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**Certificate of analysis**

**All Colour Supplies Pty Ltd**  
5 Stuart Street  
Padstow NSW 2211  
Australia  
1300 138 203  
PO Box 130  
Panania NSW 2213

**Certificate of Analysis**

Product Name	Dispersion Green Agricultural WB - ACS-3282.3
Date	29th July 2025
Quantity	1000kg - (25kg Sample)
Batch Number	BN0005387
Shelf Life	5 years

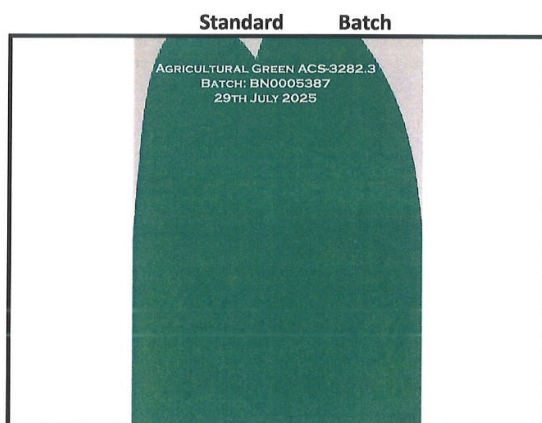
**Testing:**

Test	Result	Specification
Appearance	Match	Drawdown
Grind - Micron	5	Under 5 micron
Viscosity - CP	120	200 ±
Density	1.2	1.15 - 1.25
Colour Content	37.37	35 - 40 %

**Certified Approved**

Name Nabeel Elgafi

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no signature is required to validate



# Certificate of analysis – Heavy Metals analysis -via SGS

## R E S U L T S

## REQ

### MIGRATION OF CERTAIN ELEMENTS

With reference to EN 71-3: 2019 + A1:2021. Analysis of general elements was performed by ICP-OES and Chromium (III) was obtained by calculation, Chromium (VI) was analyzed by LC-ICP-MS / LC-DAD. Organic Tin was analyzed by GC-MS

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No.	PARAMETERS	RESULT	Rep.Limit	
1	SOLUBLE ALUMINIUM (Al)	83 mg/kg	50 mg/kg	560 mg/kg
2	SOLUBLE ANTIMONY (Sb)	ND	1 mg/kg	11.3 mg/kg
3	SOLUBLE ARSENIC (As)	ND	0.4 mg/kg	0.9 mg/kg
4	SOLUBLE BARIUM (Ba)	ND	50 mg/kg	375 mg/kg
5	SOLUBLE BORAN (B)	ND	50 mg/kg	300 mg/kg
6	SOLUBLE CADMIUM (Cd)	ND	0.1 mg/kg	0.3 mg/kg
7	SOLUBLE CHROMIUM	ND	0.005 mg/kg	--
8	SOLUBLE CHROMIUM VI (Cr VI) #	--	--	0.005 mg/kg
9	SOLUBLE COBALT (Co)	ND	0.5 mg/kg	2.6 mg/kg
10	SOLUBLE COPPER (Cu)	118 mg/kg	50 mg/kg	156 mg/kg
11	SOLUBLE LEAD (Pb)	ND	0.2mg/kg	0.5 mg/kg
12	SOLUBLE MANGANESE (Mn)	ND	50 mg/kg	300 mg/kg
13	SOLUBLE MERCURY (Hg)	ND	0.5mg/kg	1.9 mg/kg
14	SOLUBLE NICKEL (Ni)	ND	9 mg/kg	18.8 mg/kg

## R E S U L T S

## REQ

15	SOLUBLE SELENIUM (Se)	ND	50 mg/kg	9.4 mg/kg
16	SOLUBLE STRONTIUM (Sr)	ND	50 mg/kg	1125 mg/kg
17	SOLUBLE TIN (Sn)	ND	0.08mg/kg	3750 mg/kg
18	SOLUBLE ORGANIC TIN ^	ND	--	0.2 mg/kg
19	SOLUBLE ZINC (Zn)	ND	50 mg/kg	938 mg/kg

20	SOLUBLE CHROMIUM III (Cr III) #	--	--	9.4 mg/kg
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Note : - mg/kg = milligram per kilogram

- ND = Not Detected

- 1% = 10000 mg/kg = 10000 ppm

- ^ The test result of soluble organic tin was derived from soluble tin screening and then confirmation test for soluble organic tin on component exceeding the screening limit of 4.9 mg/kg soluble Sn.-

# The test result of soluble chromium (III) and chromium (VI) were derived from soluble chromium screening and then confirmation test for soluble chromium (III) and soluble Chromium (VI) on component with soluble chromium exceeding the screening limit of 0.005 mg/kg soluble Cr.

- Soluble Chromium (III) = Soluble Total Chromium - Soluble Chromium (VI)

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## ENVIRONMENTAL STANDARDS & INDEPENDENT VERIFICATION

Dispersion Green – Agricultural (Pigment Green 7) 40% - ACS-3282.3 has been formulated to meet strict environmental conditions including low impurities and “bound copper”, so that it can be used with confidence in sensitive areas, and ensuring any run off does not contaminate waterways. Its low heavy metals have been verified by a 3<sup>rd</sup> party. See information below.

## Regulatory Information - Links

**All Colour Supplies ISO Certifications, ISO9001 Quality – ISO14001 Environmental – HACCP – Kosher - Halal**

[Certifications - All Colour Supplies](#)

<b>Fastness properties</b>	
<b>Scale 1 to 5 ( 1: poor, 5: excellent)</b>	
<b>Ethanol</b>	5
<b>Butanol</b>	5
<b>Acetone</b>	5
<b>Butyl Acetone</b>	5
<b>Xylene</b>	4 - 5
<b>Toluene</b>	5
<b>Mineral Turpentine</b>	5
<b>Methyl Ethyl Ketone</b>	5
<b>Linseed oil</b>	5
<b>Soap</b>	5
<b>Acid</b>	5
<b>Alkali</b>	5
<b>Sterilization</b>	5

<b>Light Fastness properties</b>	
<b>Scale 1 to 8 ( 1: poor, 8: excellent)</b>	
<b>1/1 Shade Depth</b>	8
<b>1/3 Shade Depth</b>	8
<b>1/25 Shade Depth</b>	8

<b>Specific Gravity (20 °C)</b>	1.4 – 1.5
<b>Oil Absorption (cc/100gms)</b>	35 – 40
<b>Bulk Volume (cc/gms)</b>	1.6 – 2.2
<b>Sieve Residue, 325 mesh</b>	0.5 % max.
<b>Heat stability (°C/10 min.)</b>	280
<b>Moisture (w/w)</b>	1 % max.
<b>Water Soluble (w/w)</b>	1 % max.
<b>pH of Aq. Slurry</b>	6.5 – 8.5



# SAFETY DATA SHEET

According to Safe Work Australia

Issuing Date: 21 February 2024

Version 5 – Revised: July 2025

## SECTION:-1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

PRODUCT NAME	Dispersion Green - Agricultural
OTHER MEANS OF IDENTIFICATION	
PRODUCT CODE	840-6005A
RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE	Colour additive used for dust suppression, marking, and in commercial applications
DETAILS OF THE MANUFACTURER OR IMPORTER	All Colour Supplies Pty Ltd 5 Stuart Street Padstow NSW 2211
TELEPHONE NUMBER	1300 138 203
EMERGENCY TELEPHONE NUMBER	1300 138 203

## SECTION:- 2. HAZARDS IDENTIFICATION

HAZARDOUS NATURE	Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.
	Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
	The substance is not classified according to the Globally Harmonised System (GHS).
	This product is not considered to be a hazardous substance as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200).
SIGNAL WORD	None – Not Hazardous
HAZARD STATEMENT	None – Not Hazardous

## SECTION:- 3. COMPOSITION AND INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERISATION	Blend	
CAS NO. DESCRIPTION, SYNONYMS	1328-53-6 + 7732-18-5	
<b>INGREDIENTS</b>	<b>CAS #</b>	<b>Concentration %</b>
PHTHALOCYANINE GREEN	1328-53-6	35 - 45 %
WATER	7732-18-5	45 – 55 %
DISPERSAL AGENTS & ADDITIVES		Less than 5%

**SECTION:- 4. FIRST AID MEASURES**

<b>General Information</b>	Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
<b>Inhalation:</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.
<b>Skin Contact:</b>	In case of skin contact, immediately remove contaminated clothing and shoes, wash affected area with water and soap. Seek medical attention if symptoms occur.
<b>Eye Contact:</b>	In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if any irritation occurs.
<b>Ingestion:</b>	If swallowed, do not induce vomiting. Immediately rinse mouth with water. Never give anything by mouth to an unconscious person. Contact Poisons Information Centre on 13 11 26.

**SECTION:- 5. FIRE FIGHTING MEASURES**

<b>FIRE AND EXPLOSION HAZARD:</b>	There is no risk of an explosion from this product under normal circumstances if it is involved in a fire
<b>EXTINGUISHING MEDIA:</b>	Not combustible. Use extinguishing media suited to burning materials For small fires use dry chemical powder. For large fires use water spray, fog or foam, Do Not Use full water jet.
<b>SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:</b>	Hazardous combustion products include oxides, nitrogen, sulphur and sodium. Product may be combustible at high temperatures. Use water spray to cool fire exposed containers and if safe to do so remove from the area.
<b>SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS</b>	When fighting a major fire wear self-contained breathing apparatus and protective equipment. MSHA/NIOSH (approved or equivalent)

**SECTION:- 6. ACCIDENTAL RELEASE MEASURES**

<b>PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES</b>	Wear approved dust/particular filter respirator and full protective clothing. Evacuate all non-essential personnel from the affected area. Do not breathe dust. Ensure adequate ventilation. Avoid generating dust
<b>ENVIRONMENTAL PRECAUTIONS</b>	In the event of major spills, prevent spillage from entering drains or water courses/surface ground water
<b>METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP</b>	In case of dry powder spills use vacuum equipment with HEPA filters. Contain spilled material immediately with an inert substance such as sand or earth if sweeping is required. Collect in suitable, closed container for subsequent disposal, according to local State or Federal guidelines. Avoid generating dust. Wash spill areas with water.

**SECTION:- 7. HANDLING AND STORAGE**

<b>PRECAUTIONS FOR SAFE HANDLING</b>	Use of Safe Work practices are recommended to avoid eye or skin contact and inhalation of dust. Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.
<b>ENVIRONMENTAL PRECAUTIONS</b>	Store in a cool, dry and well ventilated area. Keep in original container, tightly closed when not in use. Protect from extreme temperatures. Keep away from strong oxidizing agents.

**SECTION:- 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

<b>EXPOSURE STANDARDS</b>	Nuisance dust: TWA - 10 mg/m3 (inspirable dust)
<b>ENGINEERING CONTROLS</b>	Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below the limits
<b>RESPIRATORY PROTECTION</b>	Where an inhalation risk exists, wear a Class P1 (particulate) respirator. At high dust levels, wear a powered air purifying respirator (PAPR) with Class P3 (Particulate) filter or an air-line respirator or a full-face Class P3 (particulate) respirator. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.
<b>SKIN PROTECTION</b>	PVC, PVA, nitrile, neoprene, rubber or vinyl gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered. Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.
<b>EYE AND FACE PROTECTION</b>	Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information

**SECTION:- 9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE FORM:</b>	free flowing liquid solution
<b>COLOUR:</b>	Green
<b>ODOUR:</b>	Odourless (Characteristic)
<b>ODOUR THRESHOLD</b>	No Information Available
<b>PH-VALUE</b>	No Information Available
<b>MELTING POINT/ MELTING RANGE</b>	No Information Available
<b>INITIAL BOILING POINT/BOILING RANGE</b>	No Information Available
<b>FLASH POINT</b>	Not Applicable
<b>FLAMMABILITY</b>	Product is not flammable
<b>AUTO-IGNITION TEMPERATURE</b>	Not Applicable
<b>DECOMPOSITION TEMPERATURE</b>	No Information Available
<b>EXPLOSION LIMITS LOWER: UPPER:</b>	Product does not present an explosion hazard Not Applicable
<b>RELATIVE DENSITY AT 20 °C:</b>	1.2 g/cm <sup>3</sup>
<b>SOLUBILITY IN WATER AT 20 °C</b>	Miscible

**SECTION:- 10. STABILITY AND REACTIVITY**

<b>POSSIBILITY OF HAZARDOUS REACTIONS</b>	Hazardous polymerisation will not occur
<b>CHEMICAL STABILITY</b>	Stable at ambient temperature and under normal conditions of use
<b>CONDITIONS TO AVOID</b>	Extreme temperatures and dust generation
<b>INCOMPATIBLE MATERIALS</b>	Strong oxidizing agents, and reduction agents
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Nitrogen oxides, carbon monoxide, oxides of nitrogen, oxides of sulfur, carbon dioxide, sodium oxide

**SECTION:- 11. TOXICOLOGICAL INFORMATION****TOXICITY: LD<sub>50</sub>/LC<sub>50</sub> VALUES RELEVANT FOR CLASSIFICATION**

<b>CAS #</b>	1328-53-6 + 7732-18-5
<b>SUBSTANCE</b>	Mixture
<b>ORAL LD-50</b>	

**ACUTE HEALTH EFFECTS:**

<b>INHALATION</b>	May cause respiratory irritation
<b>SKIN</b>	May cause skin irritation. May cause allergic skin reaction
<b>EYE</b>	May cause eye irritation
<b>INGESTION</b>	May be harmful if swallowed. May cause gastro intestinal irritation
<b>SKIN CORROSION / IRRITATION</b>	Based on classification principles, the classification criteria are not met
<b>SERIOUS EYE DAMAGE / IRRITATION</b>	Based on classification principles, the classification criteria are not met
<b>RESPIRATORY OR SKIN SENSITISATION</b>	Based on classification principles, the classification criteria are not met
<b>GERM CELL MUTAGENICITY</b>	Based on classification principles, the classification criteria are not met
<b>CARCINOGENICITY</b>	This product does NOT contain any IARC listed chemicals

<b>REPRODUCTIVE TOXICITY</b>	Based on classification principles, the classification criteria are not met
<b>SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE</b>	Based on classification principles, the classification criteria are not met
<b>SPECIFIC TARGET ORGAN TOXICITY (STOT) - REPEATED EXPOSURE</b>	Based on classification principles, the classification criteria are not met
<b>ASPIRATION HAZARD</b>	Based on classification principles, the classification criteria are not met
<b>CHRONIC HEALTH EFFECTS</b>	No information available
<b>EXISTING CONDITIONS AGGRAVATED BY EXPOSURE</b>	Respiratory conditions

## SECTION:- 12. ECOLOGICAL INFORMATION

<b>ECOTOXICITY</b>	No information available
<b>AQUATIC TOXICITY</b>	No information available
<b>PERSISTENCE AND DEGRADABILITY</b>	No information available
<b>BIOACCUMULATIVE POTENTIAL</b>	No information available
<b>MOBILITY IN SOIL</b>	No information available
<b>GENERAL NOTES</b>	

## SECTION:- 13. DISPOSAL CONSIDERATIONS

<b>DISPOSAL METHODS AND CONTAINERS</b>	Dispose according to applicable local and state government regulations
<b>SPECIAL PRECAUTIONS FOR LANDFILL OR INCINERATION</b>	Please consult your state Land Waste Management Authority for more information

## SECTION:- 14. TRANSPORT INFORMATION

<b>UN NUMBER</b>	Not regulated
<b>PROPER SHIPPING NAME</b>	Not regulated
<b>DANGEROUS GOODS CLASS</b>	Not regulated
<b>PACKING GROUP</b>	Not regulated
<b>MARINE POLLUTANT</b>	No

## SECTION:- 15. REGULATORY INFORMATION

### AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES:

<b>CAS #</b>	1328-53-6 + 7732-18-5
<b>SUBSTANCE</b>	Mixture

### STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS (SUSMP) – POISON SCHEDULE:

Not a scheduled poison.

**SECTION:- 16. OTHER INFORMATION**

<b>DATE OF PREPARATION OR LAST REVISION</b>	21 February 2024Monday, 11 August 2025
<b>PREPARED BY</b>	All Colour Supplies Pty Ltd
	Telephone: 1300 138 203
	www.allcoloursupplies.com.au

**ABBREVIATIONS AND ACRONYMS:**

<b>CAS</b>	Chemical Abstracts Service (division of the American Chemical Society)
<b>CI</b>	Colour index number
<b>D&amp;C</b>	Drug and Cosmetic
<b>EINECS</b>	European Inventory of Existing Commercial Chemical Substances
<b>FAO</b>	Food and Agriculture Organisation of the United States
<b>FD &amp; C</b>	Food, Drug and Cosmetic
<b>GHS</b>	Globally Harmonised System of Classification and Labelling of Chemicals
<b>IARC</b>	International Agency for Research on Cancer
<b>INS</b>	Refer to CI
<b>JECFA</b>	The Joint FAO/WHO Expert Committee on Food Additives
<b>LC<sub>50</sub></b>	Lethal concentration, 50 percent
<b>LD<sub>50</sub></b>	Lethal dose, 50 percent
<b>NES</b>	National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)
<b>PPM</b>	Parts Per Million
<b>SDS</b>	Safety Data Sheet. Formally known as Material Safety Data Sheet (MSDS)
<b>STEL</b>	Short Term Exposure Limit
<b>SUSMP</b>	Standard for the Uniform Scheduling of Drugs and Poisons
<b>TWA</b>	Time Weighted Average
<b>WHO</b>	World Health Organisation

**DISCLAIMER**

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