Safety Data Sheet
according to WHS Regulations

Date of issue: 29.07.2026 Issue Date: 29.07.2026

1 Identification

· **Other means of identification**

· **Trade name:** C-Phycocyanin (Spirulina sp), 10 mg; C-Phycocyanin (Spirulina sp), 500 mg

· **Article number:** PB11, PB11-500

· **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.

· **Application of the substance / the mixture**
For Research and Development Only. Reagents and Standards for Analytical Chemical Laboratory Use.

· **Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**
Agilent Technologies Australia Pty Ltd
679 Springvale Road
Mulgrave
Victoria 3170, Australia

· **Email:** pdl-msds_author@agilent.com

· **Phone number:** 1800 802 402

· **Emergency telephone number:** CHEMTREC®: +(61)-290372994

2 Hazard(s) Identification

· **Classification of the substance or mixture**

GHS07

Skin corrosion/irritation – Category 2	H315 Causes skin irritation.
Eye damage/irritation – Category 2A	H319 Causes serious eye irritation.
Specific target organ toxicity (single exposure) – Category 3	H335 May cause respiratory irritation.

· **Label elements**

· **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).

· **Hazard pictograms**

GHS07

· **Signal word** Warning

· **Hazard-determining components of labelling:**
ammonium sulphate (60 %)

· **Hazard statements**
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

· **Precautionary statements**
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.

(Contd. on page 2)

Safety Data Sheet
according to WHS Regulations

Date of issue: 29.07.2026 Issue Date: 29.07.2026

Trade name: C-Phycocyanin (Spirulina sp), 10 mg; C-Phycocyanin (Spirulina sp), 500 mg

(Contd. of page 1)

Avoid breathing dust/fume/gas/mist/vapours/spray.
Wear protective gloves / eye protection / face protection.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable
· **vPvB:** Not applicable

3 Composition and Information on Ingredients

· **Chemical characterisation: Mixtures**
· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

7783-20-2	ammonium sulphate	60.0%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

4 First Aid Measures

· **General information:**
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
· **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
· **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· **After swallowing:** If symptoms persist consult doctor.
· **Information for doctor:**
· **Most important symptoms and effects, both acute and delayed** No further relevant information available.
· **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire Fighting Measures

· **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
· **Special hazards arising from the substance or mixture** No further relevant information available.
· **Protective equipment:** No special measures required.

6 Accidental Release Measures

· **Personal precautions, protective equipment and emergency procedures**
Wear protective gloves / eye protection / face protection.
· **Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
· **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

(Contd. on page 3)

Safety Data Sheet
according to WHS Regulations

Date of issue: 29.07.2026 Issue Date: 29.07.2026

Trade name: C-Phycocyanin (Spirulina sp), 10 mg; C-Phycocyanin (Spirulina sp), 500 mg

(Contd. of page 2)

Ensure adequate ventilation.
· **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and Storage

· **Handling:**
· **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
· **Information about fire - and explosion protection:** No special measures required.
· **Storage:**
· **Requirements to be met by storerooms and receptacles:** No special requirements.
· **Information about storage in one common storage facility:** Not required
· **Further information about storage conditions:** Keep container tightly sealed.
· **Specific end use(s)** No further relevant information available.

8 Exposure controls and personal protection

· **Appropriate engineering controls** No further data; see section 7.
· **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
· **Additional information:** The lists valid during the making were used as basis.
· **Personal protective equipment:**
· **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
· **Respiratory protection:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
· **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
· **Material of gloves** Wear suitable gloves.
· **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

(Contd. on page 4)

Safety Data Sheet
according to WHS Regulations

Date of issue: 29.07.2026 Issue Date: 29.07.2026

Trade name: C-Phycocyanin (Spirulina sp), 10 mg; C-Phycocyanin (Spirulina sp), 500 mg

(Contd. of page 3)

· **Eye protection:**

Tightly sealed goggles

9 Physical and Chemical Properties

· **General Information**	
· **Appearance:**	
· **Form:**	Suspension
· **Colour:**	Blue
· **Odour:**	Not determined
· **Odour threshold:**	Not determined
· **pH-value at 20 °C:**	7
· **Change in condition**	
· **Melting point/freezing point:**	Undetermined
· **Initial boiling point and boiling range:**	100 °C
· **Flash point:**	Not applicable
· **Flammability**	Not applicable
· **Decomposition temperature:**	Not determined
· **Ignition temperature:**	Product is not selfigniting.
· **Explosive properties:**	Product does not present an explosion hazard.
· **Explosion limits:**	
· **Lower:**	Not determined
· **Upper:**	Not determined
· **Vapour pressure:**	Not determined
· **Density at 20 °C:**	1.2 g/cm³
· **Relative density**	Not determined
· **Vapour density**	Not determined
· **Evaporation rate**	Not determined
· **Solubility in / Miscibility with**	
· **water:**	Fully miscible.
· **Partition coefficient: n-octanol/water:**	Not determined
· **Viscosity:**	
· **Dynamic:**	Not determined
· **Kinematic:**	Not determined
· **Solvent content:**	
· **Water:**	30.0 %
· **Solids content:**	62.0 %

· **Other information**	
· **Particle characteristics**	Not applicable
· **Physical state**	Liquid

(Contd. on page 5)

Safety Data Sheet
according to WHS Regulations

Date of issue: 29.07.2026 Issue Date: 29.07.2026

Trade name: C-Phycocyanin (Spirulina sp), 10 mg; C-Phycocyanin (Spirulina sp), 500 mg

(Contd. of page 4)

10 Stability and Reactivity

· **Reactivity** No further relevant information available.
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **Possibility of hazardous reactions** No dangerous reactions known.
· **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 toxicological effects**
· **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**		
7783-20-2 ammonium sulphate		
Oral	LD50	2,840 mg/kg (rat)

· **Primary irritant effect:**
· **Skin corrosion/irritation** Causes skin irritation.
· **Serious eye damage/irritation** Causes serious eye irritation.
· **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
· **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
· **Carcinogenicity** Based on available data, the classification criteria are not met.
· **Reproductive toxicity** Based on available data, the classification criteria are not met.
· **STOT-single exposure** May cause respiratory irritation.
· **STOT-repeated exposure** Based on available data, the classification criteria are not met.
· **Aspiration hazard** Based on available data, the classification criteria are not met.

12 Ecological Information

· **Toxicity**
· **Aquatic toxicity:** No further relevant information available.
· **Persistence and degradability** No further relevant information available.
· **Behaviour in environmental systems:**
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.
· **Additional ecological information:**
· **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable
· **vPvB:** Not applicable
· **Other adverse effects** No further relevant information available.

(Contd. on page 6)

Safety Data Sheet
according to WHS Regulations

Date of issue: 29.07.2026 Issue Date: 29.07.2026

Trade name: C-Phycocyanin (Spirulina sp), 10 mg; C-Phycocyanin (Spirulina sp), 500 mg

(Contd. of page 5)

13 Disposal considerations

· **Waste treatment methods**
· **Recommendation** Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging:**
· **Recommendation:** Disposal must be made according to official regulations.
· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

Not Regulated, De minimis Quantities

· **UN-Number** · **ADG, ADN, IMDG, IATA**	not regulated
· **UN proper shipping name** · **ADG, ADN, IMDG, IATA**	not regulated
· **Transport hazard class(es)** · **ADG, ADN, IMDG, IATA** · **Class**	not regulated
· **Packing group** · **ADG, IMDG, IATA**	not regulated
· **Environmental hazards:**	Not applicable
· **Special precautions for user**	Not applicable
· **Transport in bulk according to Annex II of Marpol and the IBC Code**	Not applicable
· **UN "Model Regulation":**	not regulated

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Australian Inventory of Industrial Chemicals**	
7783-20-2	ammonium sulphate
7732-18-5	water, distilled, conductivity or of similar purity
7758-11-4	dipotassium hydrogenorthophosphate
7778-77-0	potassium dihydrogenorthophosphate
26628-22-8	sodium azide

· **Standard for the Uniform Scheduling of Medicines and Poisons**
None of the ingredients is listed.

· **Australia: Priority Existing Chemicals**
None of the ingredients is listed.

· **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).

(Contd. on page 7)

Safety Data Sheet
according to WHS Regulations

Date of issue: 29.07.2026 Issue Date: 29.07.2026

Trade name: C-Phycocyanin (Spirulina sp), 10 mg; C-Phycocyanin (Spirulina sp), 500 mg

(Contd. of page 6)

· **Hazard pictograms**

GHS07

· **Signal word** Warning

· **Hazard-determining components of labelling:**
ammonium sulphate (60 %)
· **Hazard statements**
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
· **Precautionary statements**
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wear protective gloves / eye protection / face protection.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **National regulations:**

· **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57**
None of the ingredients is listed.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

The information contained in this document is based on Agilent's state of knowledge at the time of preparation. No warranty as to its accurateness, completeness or suitability for a particular purpose is expressed or implied.

· **Contact:**
· **Abbreviations and acronyms:**
Skin corrosion/irritation – Category 2: Skin corrosion/irritation – Category 2
Eye damage/irritation – Category 2A: Serious eye damage/eye irritation – Category 2A
Specific target organ toxicity (single exposure) – Category 3: Specific target organ toxicity (single exposure) – Category 3