Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2025 and GHS Rev 01

Reviewed on 03/31/2025

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1 Identification

· **Product identifier 1909-129-US-E**

· **Trade name: BioPlus**

· **Details of the supplier of the safety data sheet**
· **Manufacturer:**
Ospey Biotechnics
Sarasota, FL

Supplier:
Garrards Pty Ltd.
PO Box 5477
Brendale QLD 4500
O: 07 3881 1693
F : 07 3881 1781
E: info@garrards.com.au

In case of emergency contact Emergency Services: Phone: 000 **Poisons Information Centre 13 11 26**

2 Hazard(s) identification

· **Classification of the substance or mixture**
The product is not classified according to the Globally Harmonized System (GHS).
This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
· Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)
·



Health = 1
Fire = 0
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**

· **Label elements**
· **GHS label elements** Non-Regulated Material
· **Hazard pictograms** Non-Regulated Material
· **Signal word** Non-Regulated Material
· **Hazard statements** Non-Regulated Material
· **Classification system:**
· **NFPA ratings (scale 0 - 4)**

3 Composition/information on ingredients

· **The exact percentage (concentration) of composition has been withheld as a trade secre**
·
· **Chemical characterization: Mixtures**
· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous Components:** Non-Regulated Material

· The product contains no substances which at their given concentration, are considered to be hazardous to health

4 First-aid measures

· **Description of first aid measures**
· **General information:** No special measures required.
· **After inhalation:** Supply fresh air; consult doctor in case of complaints.
· **After skin contact:** If skin irritation continues, consult a doctor.
· **After eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
· **After swallowing:** Rinse out mouth and then drink plenty of water.
· **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.

(Contd. on page 2)

· **Note to physicians:** Treat symptomatically
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Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2025 and GHS Rev 01.

Reviewed on 03/31/2025

Trade name: BioPlus

(Contd. of page 1)

5 Fire-fighting measures

· ***Extinguishing media***
· ***Suitable extinguishing agents:***

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· ***Special hazards arising from the substance or mixture*** No further relevant information available.
· ***Advice for firefighters***
· ***Protective equipment:***
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

6 Accidental release measures

· ***Personal precautions, protective equipment and emergency procedures*** Not required.
· ***Environmental precautions:*** No special measures required.
· ***Methods and material for containment and cleaning up:***
Absorb with liquid-binding material (ie. sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the collected material according to regulations.
· ***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

Precautions for safe handling
Advice on safe handling: Handle in accordance with good industrial hygiene and safety practice.
Conditions for safe storage, including any incompatibilities
Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place.
Incompatible materials: None known based on information supplied.

8 Exposure controls/personal protection

· **Control parameters**
· **Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
· **Appropriate engineering controls**
· **Engineering Controls:** Showers
o Eyewash stations, Ventilation systems.
· **Individual protection measures, such as personal protective equipment**
· **General Hygiene Considerations:** Handle in accordance with good industrial hygiene and safety practice.
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· **Eye/face protection:** No special technical protective measures are necessary.
· **Skin and body protection:** No special technical protective measures are necessary.
·
· **Respiratory protection:** exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

(Contd. on page 3)

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Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2025 and GHS Rev 01

Reviewed on 03/31/2025

Trade name: BioPlus

(Contd. of page 2)

* 9 Physical and chemical properties

· **Information on basic physical and chemical properties**
· **General Information**
· **Appearance:**
Form: Liquid
Color: Light Blue
· **Odor:** Odorless
· **Odor threshold:** Not determined.

· **pH-value @ 20 °C (68 °F):** 7

· **Change in condition**
Melting point/Melting range: Not determined.
Boiling point/Boiling range: 100 °C (212 °F)

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:**

Decomposition temperature: Not determined.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**
Lower: 0.0 Vol %
Upper: 0.0 Vol %

· **Vapor pressure @ 20 °C (68 °F):** 23 hPa (17 mm Hg)

· **Density:**
Relative density Not determined.
Vapour density Not determined.
Evaporation rate Not determined.

· **Solubility in / Miscibility with**
Water: Not miscible or difficult to mix.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**
Dynamic: Not determined.
Kinematic: Not determined.

· **Solvent content:**
Organic solvents: 0.0 %

Solids content: 0.1 %
· **Other information** No further relevant information available.

10 Stability and reactivity

· **Reactivity** No further relevant information available.
· **Chemical stability** Stable under normal conditions.
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **Possibility of hazardous reactions** No dangerous reactions known.

(Contd. on page 4)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2025 and GHS Rev 01.

Reviewed on 03/31/2025

Trade name: BioPlus

(Contd. of page 3)

· ***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:***
· ***Primary irritant effect:***
· ***on the skin:*** No irritating effect.
· ***on the eye:*** No irritating effect.
· ***Additional toxicological information:***
The product is not subject to classification according to internally approved calculation methods for preparations:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

· ***Carcinogenic categories***

· ***IARC (International Agency for Research on Cancer)***
· ***NTP (National Toxicology Program)***
None of the ingredients are listed.
· ***OSHA-Ca (Occupational Safety & Health Administration)***
None of the ingredients are listed.

* 12 Ecological information

· ***Toxicity***
· ***Aquatic toxicity:*** No further relevant information available.
· ***Persistence and degradability*** No further relevant information available.
· ***Bioaccumulative potential*** No further relevant information available.
· ***Mobility in soil*** No further relevant information available.
· ***Additional ecological information:***
· ***General notes:*** Generally not hazardous for water
· ***Results of PBT and vPvB assessment***
· ***PBT:*** Not applicable.
· ***vPvB:*** Not applicable.
· ***Other adverse effects*** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**
· **Disposal of wastes:**
· **Disposal methods**: Refer to all federal, state and local regulations prior to disposal of container and unused contents by reuse, recycle or disposal. Disposal should be in accordance with applicable regional, national and local laws and regulations. Avoid runoff to waterways and sewers. Recover or recycle if possible. Send to a licensed recycler, reclaimer or incinerator.
· Do not reuse container.

* 14 Transport information

· ***UN-Number***
· ***DOT, ADR, ADN, IMDG, IATA*** Non-Regulated Material
· ***UN proper shipping name***

(Contd. on page 5)

· ***DOT, ADR, ADN, IMDG, IATA*** Non-Regulated Material

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2025 and GHS Rev 01.

Reviewed on 03/31/2025

Trade name: BioPlus

(Contd. of page 4)

· **Transport hazard class(es)**

· **DOT, ADR, ADN, IMDG, IATA**

· **Class**	Non-Regulated Material
· **Packing group**	
· **DOT, ADR, IMDG, IATA**	Non-Regulated Material
· **Environmental hazards:**	
· **Marine pollutant:**	No
· **Special precautions for user**	Not applicable.
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**	Not applicable.
· **UN "Model Regulation":**	-

* 15 Regulatory information

International Inventories
TSCA Not Determined
DSL Not Determined
EINECS/ELINCS: Not Determined
ENCS: Not Determined
IECSC: Not Determined
KECL: Not Determined
AICS: Not Determined
Legend:
TSCA United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances
NZIOC - New Zealand Inventory of Chemicals
TCSI Taiwan
US Federal Regulations
SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372
SARA 311/312 Hazard Categories
Acute health hazard
Chronic Health Hazard
Fire hazard
Sudden release of pressure hazard
Reactive Hazard
CWA (Clean Water Act)
22222
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)
CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

(Contd. on page 6)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2025 and GHS Rev 01.

Reviewed on 03/31/2025

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· ***State Right to Know***

3844-45-9 **Brilliant Blue**

16 Other information

NFPA Health hazards 1	Flammability 0	Instability 0	Special hazards
HMIS Health hazards 1	Flammability 0	Physical hazards 0	Personal protection X

Document Review
Revision Number: 1
Revision Note: No information available

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

Bioconcentration factor (BCF)
International Air Transport Association (IATA)
International Maritime Dangerous Goods (IMDG)
Globally Harmonized System (GHS)

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