



SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME *Fludyn™ CROSSLINKED ALLOPHYCOYANIN PURE GRADE*

CATALOG NUMBERS

Size	Precipitated form catalog number	Lyophilised form catalog number
5mg	APX-PPG-1005M	APX-LPG-1005M
10mg	APX-PPG-1010M	APX-LPG-1010M
50mg	APX-PPG-1050M	APX-LPG-1050M
100mg	APX-PPG-1100M	APX-LPG-1100M

UNIT SIZE : *1 vial*

MANUFACTURER: *BIOSCIENCIA SAS*
2, place Viala
34000 Montpellier, France
biosciencia.com
contact@biosciencia.com

Precipitated Form

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS No.	Index No.	EC No.	Weight %	Classification according to 67/548/EEC	Classification according to regulation (EC)No1278/2008
CROSSLINKED ALLOPHYCOYANIN	-	-	-	< 5 %	-	-
(NH4)2SO	7783-20-2	-	231-984-1	< 35 %	-	-
Na ₂ HPO ₄	7558-79-4	-	231-448-7	< 0,05 %	-	-
NaH ₂ PO ₄	13472-35-0	-	231-449-2	< 0,05 %	-	-
EDTA	60-00-4	607-429-00-8	200-449-4	< 0,05 %	Xi = irritant, R36	Eye irritation 2, H319
NaN ₃	26628-22-8	011-004-00-7	247-852-1	< 0,01 %	T+= very toxic, R28,R32,R50-53	Acute Tox.2, H300,H400,H410

SECTION 3: HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No 1272/2008[CLP] None
Classification according to Directive 1999/45/EC None

Labelling according to Regulation (EC) No 1272/2008[CLP]
Hazard pictogram None
Signal word None
Hazard statements None
Precautionary statements None

HMIS Classification
Health hazard: 0
Flammability: 0
Physical hazards: 0
NFPA Rating
Health hazard: 0
Fire: 0
Reactivity Hazard: 0



SECTION 4: FIRST AID MEASURES

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media

Carbon dioxide, dry chemical extinguishers, foam extinguishers or water.

Special protective equipment for firefighters

Wear self contained breathing apparatus for firefighting if necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions

Avoid breathing vapors, mist or gas. Remove all sources of ignition.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and cleaning up

Contain spillage. Soak up spilled substance with inert absorbent material. . Keep in suitable, closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Avoid inhalation of vapor or mist.
Avoid direct contact with substance.

Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place.
Store at 4°C in the dark.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Substance CROSSLINKED ALLOPHYCOCYANIN
Control parameter No information available

Personal protective equipment

Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Respiratory protection

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eye protection



Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	CROSSLINKED ALLOPHYCOCYANIN
Appearance	Liquid, Blue
Odor	No information available
Odor threshold	No information available
pH	7
Melting point/freezing point	No information available
Boiling point	No information available
Flash point	No information available
Evaporate rate	No information available
Flammability	No information available
Explosive limits	No information available
Vapor pressure	No information available
Vapor density	No information available
Relative density	No information available
Solubility	Soluble in water
Partition coefficient:n-octanol/water	No information available
Auto-ignition temperature	No information available
Decomposition temperature	No information available
Viscosity	No information available
Explosive properties	No information available
Oxidising properties	No information available

SECTION 10: STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

No data available

Conditions to avoid

Heat, flames and sparks.

Materials to avoid

No data available

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions : Carbon oxides.

Other decomposition products : no data available

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity

Oral LD50	None
Inhalation LC50	None
Dermal LD50	None
Other information on acute toxicity	No data available

Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.



Reproductive toxicity

Specific target organ toxicity - single exposure (Globally Harmonized System) No data available
Specific target organ toxicity - repeated exposure (Globally Harmonized System) No data available

Aspiration hazard

No data available

Potential health effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.
Ingestion May be harmful if swallowed.
Skin May be harmful if absorbed through skin. May cause skin irritation.
Eyes May cause eye irritation.

Additional Information
RTECS: None

SECTION 12: ECOLOGICAL INFORMATION

Toxicity	No information available
Persistence and degradability	No information available
Biodegradation	No information available
Mobility in soil	No information available
Results of PBT and vPvB assessment	No information available
Other adverse effects	No information available
Additional information	No information available

SECTION 13: DISPOSAL CONSIDERATIONS

Do not dispose product directly into sewage. Consult local state or national regulation for proper disposal.

SECTION 14: TRANSPORT INFORMATION

IATA, IMDG, DOT(US)	Not dangerous good during transportation
UN number	None
UN proper shipping name	None
Transport hazard class	None
Packing group	None
Environmental hazards	None
Special precaution for user	None

SECTION 15: REGULATORY INFORMATION

US Federal Regulations
Us Toxic Substances Control Act(TSCA): Not listed
SARA 302: No chemicals were found .
SARA 313: No chemicals were found.
SARA 311/312 Hazards : No chemicals were found.

SECTION 16: OTHER INFORMATION

Classification according to Regulation (EC) Nr. 1272/2008
Prepared by: Quality and traceability department
Biosciencia SAS
Version no. 1

The information provided above is believed to be correct to our best knowledge, but does not purport to be all inclusive, and shall be used only as a guide. This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. Biosciencia shall not be held liable for any damage resulting from handling or contact with the above product.



Lyophilised Form

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CROSSLINKED ALLOPHYCOCYANIN	-	-	-	< 50 %	-	-
Sucrose	57-50-1	-	200-334-9	< 50 %	-	-
Na ₂ HPO ₄	7558-79-4	-	231-448-7	< 0,05 %	-	-
NaH ₂ PO ₄	13472-35-0	-	231-449-2	< 0,05 %	-	-
EDTA	60-00-4	607-429-00-8	200-449-4	< 0,05 %	Xi = irritant, R36	Eye irritation 2, H319
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Hazard pictogram None
Signal word None
Hazard statements None
Precautionary statements None

HMIS Classification

Health hazard: 0
Flammability: 0
Physical hazards: 0
NFPA Rating
Health hazard: 0
Fire: 0
Reactivity Hazard: 0

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In case of skin contact

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In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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Suitable extinguishing media

Carbon dioxide, dry chemical extinguishers, foam extinguishers or water.

Special protective equipment for firefighters



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Control parameter No information available

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Hygiene measures

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	CROSSLINKED ALLOPHYCOCYANIN
Appearance	Powder, Blue
Odor	No information available
Odor threshold	No information available
pH	7
Melting point/freezing point	No information available
Boiling point	No information available
Flash point	No information available
Evaporate rate	No information available
Flammability	No information available
Explosive limits	No information available
Vapor pressure	No information available
Vapor density	No information available
Relative density	No information available
Solubility	Soluble in water
Partition coefficient:n-octanol/water	No information available



Auto-ignition temperature	No information available
Decomposition temperature	No information available
Viscosity	No information available
Explosive properties	No information available
Oxidising properties	No information available

SECTION 10: STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

No data available

Conditions to avoid

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Materials to avoid

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Hazardous decomposition products

Hazardous decomposition products formed under fire conditions : Carbon oxides.

Other decomposition products : no data available

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity

Oral LD50	None
Inhalation LC50	None
Dermal LD50	None
Other information on acute toxicity	No data available

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Potential health effects

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Eyes May cause eye irritation.

Additional Information

RTECS: None

SECTION 12: ECOLOGICAL INFORMATION

Toxicity	No information available
Persistence and degradability	No information available
Biodegradation	No information available
Mobility in soil	No information available
Results of PBT and vPvB assessment	No information available



Other adverse effects
Additional information

No information available
No information available

SECTION 13: DISPOSAL CONSIDERATIONS

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IATA, IMDG, DOT(US)	Not dangerous good during transportation
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Special precaution for user	None

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