ScotBio
Unit 28, Shairps Business Park,
Houstoun Road, Livingston, EH54 5FD
Tel: +44 (0)7412113913

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:

ScotBio SupaBlu ™ HS1

Product Description:
Improved Heat-stability C-Phycocyanin (C-PC) powder extracted from *Arthrospira platensis* (also known as *Spirulina platensis*) biomass, bulked with food-grade excipients.

Aliases:
Spirulina extract, Blue Spirulina.

Manufacturer:

SCOTBIO
Unit 28 & 30 Shairps Business Park
Houstoun Road
Livingston
EH54 5FD
Scotland, United Kingdom

Contact Details:

E-mail : info@scotbio.com
Emergency Phone : +44 7412 113 913

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name(s):
Spirulina extract powder

Ingredients / Components:
Pectin, C-Phycocyanin extract from Spirulina (*Arthrospira platensis*), containing other proteins and cell constituents and tripotassium phosphate.

3. HAZARDS IDENTIFICATION

Emergency Overview:
GHS Hazard Classification: Non-hazardous
GHS Physical Hazards: None
GHS Health and Environmental Hazards: None
GHS Signal Words: None
GHS Hazard Statements: None
GHS Precautionary Statements: None
HMIS Classification:
Health hazard: 0
Flammability: 0
Physical hazards: 0
NFPA Rating: Health hazard: 0
Fire: 0
Reactivity Hazard: 0

4. FIRST AID MEASURES

Inhalation:	If dried material is breathed in, move the person into fresh air. If not breathing, give artificial respiration.
Ingestion:	Non-Hazardous. Rinse mouth with water.
Skin:	Non-Hazardous. Rinse with water as a precaution.
Eyes:	Rinse eyes with water as a precaution.

5. FIRE FIGHTING MEASURES

Flash point	Not determined
Lower Flammable Limit	Not determined
Autoignition Temperature	Not determined
Recommended Extinguishing Media	Carbon dioxide, Foam, Dry Chemical
Special Firefighting Procedures	Not known
Unusual Fire or Explosion Hazards	Specific hazards arising from the chemical dust may form explosive mixture with air. Avoid generating dust. Fine dust dispersed in the air and in the presence of ignition sources is a potential dust explosion hazard.
Hazardous Combustion Products	Not known

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6. ACCIDENTAL RELEASE MEASURES

Steps to take in case of Leak or Spill:

Wet-sweep area and transfer spill to containers for disposal.

7. HANDLING AND STORAGE

Store in an air-tight container in a cool, dry place away from direct heat and sunlight. For safe handling, use vent-equipped ventilation. Eliminate all sources of ignition. Minimise dust generation and accumulation. Avoid significant deposits of material, especially on horizontal surfaces, which may become airborne and form combustible dust clouds and may contribute to secondary explosions.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection	Wear Safety Glasses
Skin Protection	Not required under normal use
Respiratory Protection	Dust respirator equipment should be worn
Ventilation	Use vent-equipped ventilation when handling

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid powder
pH	4 - 5
Boiling Point	Not determined
Melting Point	Not determined
Specific Gravity	Not determined
Solubility in Water	Not determined
Volatiles Present	Not determined
Vapour Density	Not determined
Vapour Pressure	Not determined
Evaporation Rate (N-Butyl Acetate=1)	Not determined
VOC Content	Not determined

10. STABILITY AND REACTIVITY

Stability	Normally stable under specified storage conditions
Explosion Hazards	May form combustible dust concentration in the air
Hazardous Decomposition Products	Unknown
Hazardous Polymerisation	Unknown

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Not determined
Chronic toxicity	Neither carcinogenicity nor adverse effect has been observed

12. ECOLOGICAL INFORMATION

Ecological Toxicity	Not determined

13. DISPOSAL CONSIDERATIONS

This product represents a non-hazardous waste. Consult with local authorities for proper disposal methods.

14. TRANSPORTATION INFORMATION

Overland Transport (ADR/RID)	Not a hazardous material with respect to transport regulation
Inland Waterway Transport (AND/ADNR)	Not a hazardous material with respect to transport regulation
Transport by Sea (IMDG)	Not a hazardous material with respect to transport regulation
Air transport (ICAO-TI/IATA-DGR)	Not a hazardous material with respect to transport regulation

15. REGULATORY INFORMATION

CAS Registry No.	9000-69-5 (Pectin) 11016-15-2 (C-phycocyanin Powder) 7778-53-2 (Tripotassium phosphate)
Component Name	Pectin C-phycocyanin Powder Tripotassium phosphate
The following precautions appear in the "PRECAUTIONS" section of the label/leaflet	This is a FOOD-GRADE product for human consumption.

16. OTHER INFORMATION

This SDS was issued by Scottish Bioenergy Cooperative Ventures Limited in November 2025 and is subject to review as required.

Contact
E-mail : *info@scotbio.com*
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