



## Dongtai City Spirulina Bio-Engineering Co., Ltd.

Add: North of Port Fifth Road, Coastal Economic Zone, Dongtai, Jiangsu, P.R. China

Tel: 0086-515-85810000; Fax: 0086-515-83556906

# MATERIAL SAFETY DATA SHEET

## FOR PHYCOCYANIN

### Section I : Manufacturer/Distributor information

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Name:	Dongtai City Spirulina Bio-engineering Co., Ltd.
Address:	North of Port Fifth Road, Coastal Economic Zone, Dongtai, Jiangsu, P.R. China
Emergency Telephone No.:	86-515-85810000 / 17714038095

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### Section II : Hazard Ingredients

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None

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### Section III: Physical data

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CAS number:	724424-92-4
Molecular formula:	N/A
Molecular weight:	N/A
Application:	As natural color
Boiling Point(°C)	N/A
Vapor Pressure (mmHg):	N/A
Vapor Density:	N/A
Specific Gravity (H <sub>2</sub> O=1):	N/A
Percent Volatile by Weight:	N/A
Evaporation Rate:	N/A
Appearance:	Blue, free-flowing, fine powder with Characteristic odor and taste

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### Section IV: Fire and Explosion Hazard Data

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Flash Point (method used):	N/A
Flammable Limited-LEL:	N/A
-UEL:	N/A
Extinguishing Methods:	Water spray. Carbon Dioxide. Dry Chemical powder or appropriate foam.
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus and protective clothing to prevent contact within skin and eyes.
Unusual Fire & Explosion Hazards:	Emits toxic fumes under fire conditions.

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### Section V : Health Hazard Data

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Effects of Overexposure:	May cause skin irritation. May be harmful if absorbed through skin. May
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Emergency & First Aid Procedures:	cause eye irritation. May be harmful if inhaled / swallowed. In case of contact, immediately wash skin with soap and copious amounts of water. In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician. If swallowed, wash out mouth with water provided person is conscious. Call a physician.
Oral rat LD <sub>50</sub> :	N/A

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### Section VI: Reactivity Data

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Stability:	Unstable under direct light or heating environment
Incompatibilities:	Strong oxidizing agents
Hazardous polymerization:	Will not occur

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### Section VII: Spill or Leak Procedures

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Steps to Be Taken in Case Material Is Released or Spilled:	Sweep up avoiding raising dust. Place in a bag and hold for waste disposal.
Waste Disposal Method:	Dispose in normal solid waste disposal in accordance with local state and federal regulations

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### Section VIII: Special Protection Information

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Eye Protection:	Chemical safety goggles
Respiratory Protection:	NIOSH/MSHA-approved respirator in nonventilated areas
Protection:	Compatible chemical-resistant gloves / clothing
Ventilation:	Local exhaust

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### Section IX: Special Precautions

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Use only in a chemical fume hood.  
Safety shower and eye bath.  
Wash contaminated clothing before reuse.  
Wash thoroughly after handling  
Do not breathe dust.  
Do not get in eyes, on skin, on clothing.  
Avoid prolonged or repeated exposure.  
Keep tightly closed.  
Store in a cool dry place.

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### Section X: Transport Information

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ADR/RID:	No dangerous goods.
IMDG:	This substance is considered to be non-hazardous for transport.
IATA:	Non-hazardous or Air transport

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### Section XI: Ecological Information

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No data available. The product and its products of degradation are not toxic.

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### Section XII: Toxicological Information

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No data available. No specific information is available in our database regarding the other toxic effects of this material for humans.

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### Section XIII: Handling and Storage

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Store at room temperature. Stability is maintained for 3 years after date of manufacture in unopened original packaging.

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### Section XIV: Disposal Consideration

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Waste of residues. Observe all federal state and local environmental control regulation if contaminated.

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### Section XV: Regulatory Information

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This safety datasheet complies with the requirements of Regulation(EC) No.

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### Section XVI: Other Information

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The above information is correct to the best of our knowledge and is given in good faith as a source of information only. No warranties, expressed or implied, are made by the manufacturer and the distributor.

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