



Material Safety Data Sheet (MSDS)

Revision Number: 1.1		Last updated 8/20/2012	
1) Product and Company Identification			
Product Name:	C-Phycocyanin		
Manufacturer/Supplier:	AnaSpec, Inc. www.anaspec.com 34801 Campus Drive Fremont, CA 94555 Tel: 510-791-9560 Fax: 510-791-9572 Email: service@anaspec.com		
Catalog Number	82003		
Unit Size	1mg		
2) Hazards Identification			
<u>Emergency Overview:</u>			
<u>GHS Hazard Classification:</u>			
<u>GHS Physical Hazards</u>			
	None		
<u>GHS Health and Environmental Hazards</u>			
	None		
<u>GHS Signal Words</u>			
	None		
<u>GHS Hazard Statements:</u>			
	None		
<u>GHS Precautionary Statements:</u>			
	P280 Wear Eye Protection		
<u>HMIS Classification</u>			
	Health hazard: 0 Chronic Health Hazard: 0 Flammability: 0 Physical hazards: 0		
<u>NFPA Rating</u>			
	Health hazard: 0 Fire: 0 Reactivity Hazard: 0		

3) Composition / Information on Ingredients*Ingredients/Components:*

C-Phycocyanin is supplied in sodium phosphate buffer, pH 7 with ammonium sulfate.

4) First Aid Measures

<i>Inhalation:</i>	If breathed in, move person into fresh air. If not breathing give artificial respiration
<i>Ingestion:</i>	Never give anything by mouth to an unconscious person. Rinse mouth with water.
<i>Skin:</i>	Wash off with soap and plenty of water.
<i>Eyes:</i>	Flush eyes with water as a precaution.

5) Fire Fighting Measures

<i>Extinguishing media:</i>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
<i>Special firefighting procedures:</i>	Wear self-contained breathing apparatus for firefighting if necessary.
<i>Unusual fire and explosions hazards:</i>	None

6) Accidental Release Measures

<i>Spill response</i>	Soak up with inert absorbent material
<i>Containment</i>	Keep in suitable ,closed containers for disposal
<i>PPE</i>	Gloves

7) Handling and Storage

Store at 4 °C

8) Exposure Controls / Personal Protection

<i>Engineering controls</i>	None
<i>PPE</i>	<p><i>Skin and Body:</i> Wear appropriate work uniform or laboratory coat to prevent skin exposure.</p> <p><i>Hands:</i> Use chemical resistant, impervious gloves. Appropriate techniques should be used to remove potentially contaminated gloves.</p> <p><i>Eyes:</i> Wear chemical splash goggles.</p>

9) Physical and Chemical Properties

<i>Physical State</i>	Liquid
<i>Odor</i>	None
<i>Solubility in Water</i>	No data available
<i>Specific Gravity</i>	Not determined
<i>pH</i>	7
<i>Boiling Point</i>	Not determined

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<i>Melting Point</i>	Not determined
<i>Flash Point</i>	Not determined
<i>Vapor Pressure:</i>	Not determined
<i>Vapor Density:</i>	Not determined
<u>10) Stability and Reactivity</u>	
<i>Thermal Decomposition</i>	Stable under recommended storage conditions
<i>Dangerous Products of Decomposition</i>	Under fire conditions, nitrogen oxides (NO _x), sulphur oxides, oxides of phosphorous, sodium oxides can be formed.
<i>Dangerous Reactions</i>	No dangerous reactions identified
<u>11) Toxicological Information</u>	
<i>RTECS Number</i>	Not available
<i>Toxicity</i>	Not identified
<i>Health Hazards</i>	May cause skin irritation. May cause eye irritation. May be harmful if swallowed May be harmful if absorbed through skin.
<i>Potential Hazards</i>	Not identified
<i>Carcinogenicity:</i>	Not listed by NTP, IARC, or OSHA
<i>OSHA Permissible Exposure Limit (PEL) Data</i>	Not identified
<i>ACGIH Threshold Limit Values (TLV)</i>	Not identified
<u>12) Ecological Information</u>	
Toxicity no data available Persistence and degradability no data available Bioaccumulative potential no data available Mobility in soil no data available PBT and vPvB assessment no data available Other adverse effects no data available	
<u>13) Disposal Considerations</u>	
Consult local, state, or national regulations for proper disposal.	
<u>14) Transport Information</u>	
<i>Hazard Class</i>	This substance is considered to be non-hazardous for transport
<u>15) Regulatory Information</u>	
<i>California Proposition 65: Not Listed</i> <i>US TSCA (Toxic Substance Control Act): Not Listed</i> <i>US CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act): Not Listed</i> <i>US SARA Title III (Superfund Amendments and Reauthorization Act): None</i> <i>US Other: None</i> <i>EC EINECS (European Inventory of Existing Commercial Chemical Substances) Number: Not Listed</i>	

EC Risk Statements: Not Determined

Other Country Regulations: None

16) Other Information

It is not intended for food, drug, household, agricultural or cosmetic use. A technically qualified individual experienced in handling potentially hazardous chemicals must supervise its use. The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Users should make independent decisions regarding completeness of the information based on all sources available. AnaSpec shall not be held liable for any damage resulting from handling or from contact with the above product.

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