



HUNAN HUAKANG BIOTECH INC.

ADD: International Enterprise Center, No.188, Middle Huanbao RD.,Changsha, Hunan, China

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MATERIAL SAFETY DATA SHEET

Astaxanthin Powder (Haematococcus Pluvialis Extract)

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY	
COMMON NAME	Astaxanthin Powder (Haematococcus Pluvialis Extract)
CHEMICAL IDENTIFICATION	Astaxanthin Powder (Haematococcus Pluvialis Extract)
COMPANY NAME	HUNAN HUAKANG BIOTECH INC.,
COMPANY ADDRESS	International Enterprise Center, No.188,Middle Huanbao RD, Changsha,Hunan,China
PHONE NO.	+86-731-88395315 ext 8017
EMAIL	Sales4@huakangsw.com
2. INFORMATION ON SUBSTANCE	
PRINCIPAL HAZARDOUS COMPONENT (S)	Non
APPEARANCE	Dark Red Fine Powder
Active content	2% Astaxanthin by HPLC
3. HAZARDS INFORMATION ON SUBSTANCE	
HEALTH HAZARDS	No data available yet
FIRE AND EXPLOSION HAZARDS	No data available yet
ENVIRONMENTAL HAZARDS	No environmental hazards as far as to our knowledge.
4. FIRST-AID MEASURES	
INHALATION	Remove to well-ventilated area. Seek medical attention.
SKIN CONTACT	Washed by soap water or clear water if it comes into contact with skin.
EYE CONTACT	Washed by clear water if contacting with eyes. Sent to hospital if having excessive intake by mistake.
INGESTION	Wash out mouth with water if conscious. Seek medical attention.
.PROTECT MEASURES	Wearing protective clothes and safety gloves when operating.
5. FIRE-FIGHTING MEASURES	
EXTINGUISHER MEDIA	Water Spray, Carbon Dioxide, Dry Chemical Powder or other appropriate form.
SPECIAL FIRE FIGHTING PROCEDURES	Wear self-containing breathing apparatus against toxic fumes and protective clothing.
FIRE & EXPLOSION HAZARDS	Not combustible, flammable or explosive. Emits toxic fumes under fire conditions.
6. ACCIDENTAL RELEASE MEASURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED	Wear protective equipment. Sweep up, place in proper container for waste disposal, do not get water inside container. Avoid raising dust. Ventilate area & wash site after material pickup is complete.
CLEANING METHODS	Wash premises, equipment and working surfaces with water.
WASTE DISPOSALS METHODS	Dispose of as solid organic waste in accordance with national and local regulations
7. HANDLING & STORAGE	
HANDLING&STORAGE	Keep far away from kindled material, heat source and direct light. Keep the container airtight. Should be separately stored form oxidant and edible chemical compound.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION		
OCCUPATIONAL EXPOSURE LIMITS		
GB	TWA:	Not established
D	TWA:	Not established
USA	TWA/TLV:	Not established
USA	TWA/STEL:	Not established
VENTILATION		Local exhaust may be needed.
PERSONAL PROTECTIVE EQUIPMENT		Protective goggles, gloves. Coveralls, apron, boots. Respiratory protection with dust-filter may be needed.
9. PHYSICAL AND CHEMICAL PROPERTIES		
APPEARANCE		Orange Yellow Fine powder
BOILING POINT		Not available
MELTING POINT		Decompose
DENSITY, kg/m ³		Not known
AUTO-IGNITION TEMP.		Not available
WATER SOLUBILITY		Soluble in ethanol
FLASH POINT		Not available
EXPLOSIVE LIMITS IN AIR		Not available
BOD		Not available
COD		Not available
10. STABILITY & REACTIVITY		
STABILITY & REACTIVITY		The compound is stable at room temperature in closed containers.
CONDITIONS TO AVOID		Incompatible materials, light, dust generation, moisture, excess heat, strong oxidants.
MATERIALS TO AVOID		Oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS		Carbon monoxide, carbon dioxide.
11. TOXICOLOGICAL INFORMATION		
ACUTE ORAL LD50 (MICE/RATS)		Not known
IRRITATION TESTS (EYES)		Not known
INHALATION		Not known
12. ECOLOGICAL INFORMATION		
		No Data available yet.
13. DISPOSAL CONSIDERATIONS		
14. TRANSPORT INFORMATION		
UN	UN No.	Not classified as dangerous goods
ADR		Not restricted
DGR		Not restricted
IMDG		Not restricted
15. REGULATORY INFORMATION		
		Data not available
16. OTHER INFORMATION		
Astaxanthin Powder (Haematococcus Pluvialis Extract) has been proved no offensive smell, no infective danger or any other danger when transported.		

