



春旺
CHUNWANG

深圳市春旺环保科技股份有限公司

SHENZHEN CHUNWANG ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD

ADD: 广东省深圳市龙岗区同乐浪背第六工业区 P.C.: 518116

Tongle Sixth Industrial Area, Langbei Village, Longgang District, Shenzhen, China

Material Safety Data Sheet

Part One :Chemicals and Company Signs

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| Chemical Chinese Name: | 竹炭 |
| Chemical English Name: | Bamboo charcoal deodorant |
| Company Name: | Shenzhen Chunwang Environmental Protection Technology Co.,Ltd |
| Address: | Chunwang Industrial Park,Tongle Sixth Industrial Area,Longgang ,Shenzhen,China |
| Zip Code: | 518116 |
| Email Address: | chunwang@chun-wang.com |
| Fax: | 86-755-28105652 |
| Company Emergency Phone: | 86-755-28121593 |
| National Emergency Phone: | Accident emergency rescue 86-755-28121593 , Fire alarm 119 |

Part Two:Ingredients

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|---------------------------|--|
| Item No. | 42521 |
| English name | Bamboo charcoal; Charcoal; Bamboo-carbon; Bamboo Ch |
| Alias | Activated charcoal |
| Molecular Formula | C |
| Molecular Weight | 12.011 CAS No.: EINECS 号: |
| Boiling point | 4200℃ |
| Dissolvability | Insoluble in water and organic solvents |
| Density | Relative density 1.8~2.1 |
| Usage | With high capacity of adsorbing organic pigments and nitrogen alkali ability |
| Appearance and properties | Black particle. Odourless, tasteless, no sand properties. |

Part Three:Hazards

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| Hazard Class: | None. |
| Pathways: | contact, ingestion. |
| Health Hazards: | This product has been assessed and do not need to be labeled hazard warning in the existing standards |

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Environmental hazards: no environmental hazards.

Explosion Hazards: This product is not.

Part Four :First Aid Measures

Skin contact: wash with water.

Eye contact: If entering the eyes, rinse quickly with water. If pain, prompt medical attention

Inhalation: separated from the scene freshly rapidly to the air place, If any cough or breathing discomfort, prompt medical attention

Ingestion: eating a small amount of drink enough water. If a large ingested, seek medical advice.

Part Five:Fire-fighting Measures

Hazardous characteristics: None.

Hazardous combustion products: carbon monoxide

Fire fighting methods and extinguishing agent: Water or fire extinguisher

Fire Precautions: Firefighters must wear self contained breathing apparatus.

Part Six:Emergency Treatment

Emergency treatment: cleaning without the need of special treatment.

Remedy: Shipped to the waste disposal sites, landfill directly!

Cautions: None. should avoid dust raise

Part Seven:Handling and Storage

Handling Precautions: Handling precaution:Recommend wearing self-contained dust-proof respirators, safety chemical goggles. Avoid dust

Storage: Stored in a dry well-ventilated area, can not be stored together with the antioxidants, away from the fire source and heat, prevent moisture, to help avoid spontaneous combustion. For random inspection found to have fever phenomenon should be timely stack transfer and thermal dispersion, prevent accidents.

Part Eight:Exposure Montrols / Personal Protection



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| Maximum allowable concentration: Not setting standards |
| Monitoring Methods: Not available |
| Engineering controls: closed operation, local exhaust ventilation. The operation should wear protective eyepiece to avoid repeated contact with eyes. Workers should shower daily. |
| Respiratory protection: when high dust in air, should ware Self filter type dust mask or p-type breathing filter if necessary |
| Eye protection: Wear protective glasses. |
| Body protection: wear hemicals overalls or other related overalls |
| Hand protection: Wear gloves to ordinary. |
| Other protection: Workers should be shower every day |

Part Nine:Physical and Chemical Properties

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| Appearance: Black spherical solid odorless, tasteless |
| PH: Non available |
| Melting point (°C): Not available Relative density (water = 1): 1.8-2.1 |
| Boiling point (°C): Not available Relative vapor density (air = 1): meaningless |
| Saturated vapor pressure (kPa): meaningless Heat of combustion (kJ / mol): Not available |
| The critical temperature (°C): meaningless Critical pressure (MPa): meaningless |
| Logarithm of the octanol / water partition coefficient: meaningless |
| Flash point (°C): meaningless Explosive limit% (V / V): NA |
| Ignition temperature (°C): NA Lower explosive limit% (V / V): NA |
| Solubility: partially dissolved in water. |
| Main purpose: It has a strong adsorption ability, can purify air, eliminate peculiar smell, moisture absorption, mouldproof, antibacterial insect repellent. Contact with the human body can go wet absorb sweat, promote blood circulation and metabolism, relieve fatigue. |

Part Ten:Stability and Reactivity

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| Stability: Stable. |
| Incompatibility: Strong oxide, strong acid, strong alkali, flammable explosive |
| Conditions to Avoid: Fire and flammable explosive |
| Hazardous Polymerization: Will not occur |
| Decomposition products: Non |



Part Eleven: Toxicological Information

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| Acute toxicity: Not available |
| Subacute and chronic toxicity: Not available |
| Irritation: Not available |
| Sensitization: No information available |
| Mutagenicity: No information available |
| Teratogenicity: No information available |
| Carcinogenicity: No information available |
| Other: None. |

Part twelve: Ecological Information

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| Ecotoxicity: Not available |
| Biodegradability: biodegradable. |
| Bioconcentration or bioaccumulation: Not available |
| Non-biodegradable: Not available |
| Other harmful effects: in the case of dry skin caused by long-term exposure. |

Part Thirteen: Disposal

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| Nature of waste: Hazardous waste <input checked="" type="checkbox"/> industrial solid waste |
| Waste Disposal Method: Direct landfill, the natural degradation of the natural environment, the non-toxic and harmless. |
| Waste Note: No special attention. |

Part Fourteen: Transport Information

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| Dangerous Goods Code: NA, not dangerous goods |
| UN Number: NA |
| Packing mark: NA |
| Packing Group: NA |
| Packing: woven bag sealing |
| Transportation Note: pack light, light unloading, avoid direct sunlight and rain to avoid hitting, throwing, squeezing, not with acid and alkali mixed operation. |

Part Fifteen: Regulatory Information

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| Regulatory Information: Dangerous Chemicals Regulations (People's Republic of China State Council Order No. 591) Workplace safe use of chemicals ([1996] labor department No. 423) Commonly used classification of dangerous chemicals and signs (GB13690-2009) |
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Part Sixteen: Others

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| References: : -- | | | |
| Date of Application: April.19th 2015 | | | |
| Applicant: | Shenzhen Chunwang Environmental Protection Technology Co.,Ltd | Lister | Liu Jing |
| Amendment information: - | | | |
| Other information: - | | | |

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