



MSDS

Report No.: HY210104E

Report Date: Jan 4, 2021

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Material Safety Data Sheet

Samples Name: Activated Carbon

Model: /

Item Number: /

Client Name: Guangdong Hanyan Activated Carbon Technology Co., Ltd.

Address: Room 101, Building 1, No.10, Second Qijie Road, Nancun Town, Panyu District, Guangzhou

Post Code: 511442



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Section 1 - Chemical Product and Company Identification

Product Name: Activated Carbon

Manufacturer: Guangdong Hanyan Activated Carbon Technology Co., Ltd.

Address: Room 101, Building 1, No.10, Second Qijie Road, Nancun Town, Panyu District, Guangzhou

Tel: 13533535566

Fax: 020-39972520

Email: hanyancarbon@hyhxt.net

Section 2 - Hazards Identification

Fatality grade: In accordance with Regulation (EC) No. 1272/2008 and EG-Rule No. 1907/2006 (REACH), the sample isn't divided into dangerous article. The product ingredients is not hazardous substance over in agreement with Local and National regulations.

Invasion route: No

Health hazards: No known significant effects or critical hazards

Environment hazards: No known significant effects or critical hazards

Burn & burst danger: This product is non-flammable

Section 3 - Composition/Information on Ingredient

Pure ☐ Admixture ☒

Composition:

Chemical name	The molecular formula	Molecular weight	Component ratio (%)	CAS No.	EC No.
Carbon	C	12	93%	7440-44-0	240-383-3
Ash	-	-	3%	-	-
Water	H2O	18	4%	7732-18-5	231-791-2



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Section 4 - First Aid Measures

Skin touch: If ill, medical treatment

Eyes touch: If ill, medical treatment

Inhalation: Without this may

Ingestion: If swallowed, it thoroughly with water gargle, medical treatment

Section 5 - Fire Fighting Measures Danger

Characteristic: This product is not flammable.

Hazardous combustion products: No

Fire-Fighting method & media: No

Firefighters special protective equipment: No

Section 6 - Accidental Release Measures

Emergency treatment: It is suggested that the staff wear dust respirator and dress in work clothes. Shut off the divulgence source as soon as possible. Prevent the spillage flowing into restrictive space like the sewer and the drainage channel. Small amount of divulgence: clean off. Massive divulgence: recycle or transport to waste treatment place for handling..

Section 7 - Handling and Storage

Handling: Supply with sufficient partial air exhaust. The operating staff must have received special training and abide by the operating regulations. It is advised that the staff wear respirator, wear work clothes, and wear gloves. Keep away from the fire source, heat source, no smoking in the work place. Avoid producing dust. Use explosion-proof type ventilation system and device. Avoid contacting with oxidizer and strong acid. Equip with relevant types and quantities of extinguishment instruments and device for divulgence handling. Empty the container which may include harmful material

Storage: Stored in a cool, ventilation of the treasury. Away from fire, heat source. With the oxidant and acid stored separately, avoid mixing reservoir. Equipped with the appropriate variety and quantity of fire equipment. Storage areas should be equipped with emergency treatment equipment for leakage and suitable housing materials.



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Section 8 - Exposure Controls, Personal Protection

Maximum admissible concentration: No standard yet...

Monitoring Method: /

Engineering Control: Not applicable

Respiratory Protection: Wear self-inhalation filter type dust respirator if the dust density exceed in the air.

Eyes Protection: Generally do not need special protection.

Body Protection: Generally do not need special protection.

Hands Protection: Generally do not need special protection.

Other Protections: No smoking, dining and drinking water in the workplace. Keep good habit of hygiene

Section 9 - Physical and Chemical Properties

Appearance: granular, columnar/pellet, powder, cellular

Color: Black

Odor: No smell

Density: 0.33-0.95g/cm³

Boiling Point: No data

Melting Point: 3500℃

Flashpoint: No data

Vapour pressure: No data.

Solubility in water: Insoluble in water

Partition coefficient (n-octanol / water): No data.

Viscosity: Not applicable

pH Value: 1-12

Permission of solvent inhalation: No data.

Solubility: Insoluble in water

Ignition temperature: No data

Section 10 - Stability and Reactivity

Stability: Stable under normal temperature and pressure.

Distribution of Ban: Strong oxidizer, strong acid.

Conditions to Avoid: Not applicable.



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Hazardous Polymerization: No data

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 - Toxicological Information

Acute Toxicity: No data

Sub-acute and Chronic Toxicity: No data

Irritation: No data.

Sensitization: No data

Mutagenicity: No data.

Carcinogenicity: No data

Others: /

Section 12 - Ecological Information

Eco-toxicity: No known significant effects or critical hazards.

Biodegradable: No applicable.

Non-biodegradable: No applicable.

Bioconcentration or biological accumulation: No applicable.

Other harmful effects: No known significant effects or critical hazards.

Section 13 - Disposal Considerations

Waste disposal method: No special requirements

Section 14 - Transport Information

This product is not considered hazardous for transportation

Number of dangerous goods: No applicable.

UN Number: No data.

Packaging Mark: According to customer requirements

Packaging Method: No special requirements.

Transport Attentions: Examine whether the package of the containers are integrate and tighten closed before transport. No divulgence, no collapse, no precipitation or no damage during the course of



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transportation. Don't put the goods together with oxidizer, acid and so on. The transport vehicle and ship must be cleaned and sterilized otherwise it is not allowed to assemble articles. During transport, the vehicle should prevent exposure, rain and high temperature. For stopovers, the vehicle should be away from fire and heat sources. Don't use device and tools which can easily produce spark for loading. When transported by sea, the assemble place should keep away from bedroom and kitchen, and isolated from the engine room, power and fire source. Under the condition of Road Transportation, the driver should drive in accordance with regulated route, don't stop over in the residential area and congested area. No slipping up in rail road. According to the IMDG Code (inc Amdt 39-18) 2018 Edition, The sample is not regulated for transport of dangerous goods.

Section 15 - Regulatory Information

Regulatory Information:

ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections.

Regulation (EC) No.1272/2008 Classification, Labeling and Packaging of Substances and Mixtures.

Regulation (EG) No.1907/2006 REACH.

The International Maritime Dangerous Goods (IMDG) Code.

Section 16 - Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.



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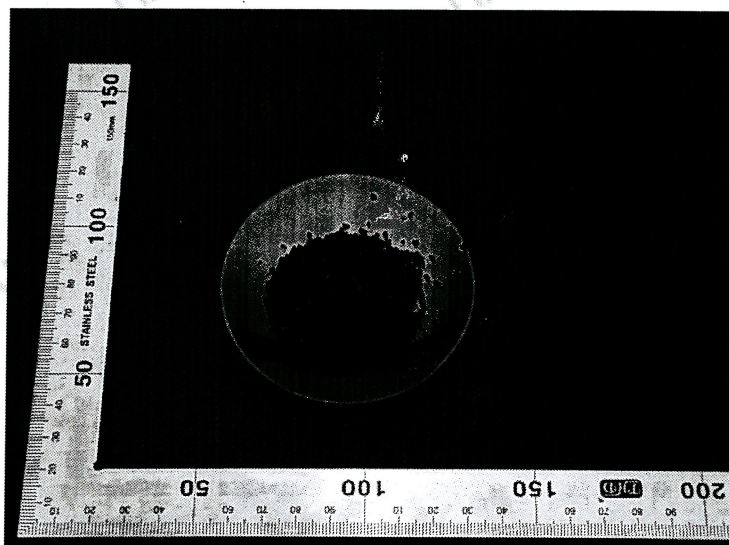
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Note:

- Photo is included

Sample Description : Activated Carbon

Photograph of Sample



Activated Carbon

*****End of MSDS*****