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MATERIAL SAFETY DATA SHEET

Product Name: Activated Carbon 100

Revision Date: 2010-09-07

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Shanghai Research Institute of Chemical Industry Testing Centre
Shanghai Classification and Testing Centre of Dangerous
Chemicals for State Work Safety

Liyang Liufang Activated Carbon Limited Company

MATERIAL SAFETY DATA SHEET

Activated Carbon 100

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name: Activated Carbon 100
Company: Liyang Liufang Activated Carbon Limited Company
Address: No.127, Wangzhu Village, Zhuze Town, Liyang City, Jiangsu Province, 213351,
P. R. China
Email: sales@lfhxt.cn
Fax: 86-519-87716626
Emergency Phone: 86-13921059871
MSDS Number: 2610080033
MSDS Date: 2010-09-07

SECTION2 INFORMATION ON INGREDIENTS

Product name: Activated Carbon 100

Ingredient	Concentration	CAS No.	EC No.
Carbon	90%	7440-44-0	231-153-3

SECTION3 HAZARDS IDENTIFICATION**Hazards Identification:**

This substance is considered to be non-hazardous for transport. The self-heating test is conducted in accordance with the Regulation, this substance does not belong to flammable solid.

Emergency Overview:

May cause irritation to eyes, respiratory system and skin.

SECTION4 FIRST-AID MEASURES

Skin Exposure:

In case of contact, immediately wash skin with soap and copious amounts of water. If irritation persists, call a physician.

Eye Exposure:

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. If irritation persists, call a physician.

Inhalation Exposure:

If inhaled, remove to fresh air. If necessary, get medical attention.

Oral Exposure:

If swallowed, immediately wash out mouth with water provided person is conscious. Call a physician.

SECTION5 FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable: Water spray, Dry chemical, Carbon dioxide or appropriate foam.

Firefighting:

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific hazards: Emit toxic fumes under fire conditions.

Explosion Data:

This material, like most materials in powder form, is capable of creating a dust explosion.

SECTION6 ACCIDENTAL RELEASE MEASURES

Procedure of Personal Precaution:

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

Methods for Cleaning up:

Sweep up with spade and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

SECTION7 HANDLING AND STORAGE

Handling:

Wear appropriate protective clothing and safety gloves. Do not breathe dust. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Mechanical exhaust required. Keep away from ignition sources, heat and flame. Incompatibilities: strong oxidizing agents and foods. No smoking at working site.

Storage:

Store in a cool, well-ventilated area. Keep away from ignition sources, heat and flame. Store in a tightly closed container. Incompatibilities: strong oxidizing agents and foods.

SECTION8 EXPLOSURE CONTROL/PPE**Engineering Controls:**

Mechanical exhaust required. Safety shower and eye bath.

Personal Protective Equipment:

Respiratory: Government approved respirator.

Eye: Chemical safety goggles.

Clothing: Wear appropriate protective clothing.

Hand: Protective gloves.

Other Protect:

No smoking, drinking and eating at working site. Wash thoroughly after handling.

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance: Black irregular granule

Odor: Weak odor

Melting Point/°C: >350°C

pH Value: 9.7 (25°C, 50.0g/L)

Solubility: Slightly soluble in water

SECTION10 STABILITY AND REACTIVITY**Stability:**

Stable under normal temperatures and pressures.

Conditions to Avoid:

Ignition source, excess heat, dust generation.

Materials to Avoid:

Strong oxidizing agents and foods.

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition Products:

Carbon monoxide, Carbon dioxide.

SECTION11 TOXICOLOGICAL INFORMATION**Toxicity Data:**

No data available.

Irritation Data:

May cause irritation to eyes, respiratory system and skin.

SECTION12 ECOLOGICAL INFORMATION

No data available.

SECTION13 DISPOSAL CONSIDERATION**Appropriate Method of Disposal of Substance:**

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with and afterburner and scrubber. Observe all federal, state, and local environmental regulations.



SECTION14 TRANSPORT INFORMATION

DOT: Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

RID/ADR: Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA: Non-Hazardous for Air Transport: Non-hazardous for air transport.

IMO: Non-Hazardous for Sea Transport: Non-hazardous for sea transport.

SECTION15 REGULATORY INFORMATION**EU Additional Classification:**

S 22 24/25

Safety Statements: Do not breathe dust. Avoid contact with skin and eyes.

SECTION16 OTHER INFORMATION

Date: 2010-09-07

Department: Shanghai Research Institute of Chemical Industry Testing Centre
Shanghai Classification and Testing Centre of Dangerous Chemicals for State Administration of Work Safety
Tel (Fax): 8621-52815377/52800971/52807275/52811034/52569800

Revision: 0

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