

MATERIAL SAFETY DATA SHEET

No. 1/2

Revised Date : MAR. 25, 2009

Product Name : KURACTIVE FT300-20

Section I

Manufacturer's name : KURARAY CHEMICAL CO., LTD.
Address : 4342, Tsurumi, Bizen City, Okayama, Japan
Telephone No. : 0869-65-8331
Chemical Name and Synonyms : Fiberous Activated Carbon
Formula : C

Section II - Hazardous Ingredients

Ingredients : Carbon
CAS No. : 7440-44-0
UN No. : Non-corresponding-matter
Percent : Carbon : above 95%
 : water : less than 5%
TLV (ACGIH) : N/A

Section III - Physical Data

Boiling point (°C) : N/A
Vapor pressure (mmHg) : N/A
Vapor density (Air=1) : N/A
Solubility in water : Insoluble
Specific gravity (H₂O=1) : 1.8 - 2.1
Percent volatile by volume (%) : N/A
Appearance and Odor : Black Fiber

Section IV - Fire and Explosion Hazard Data

Flash point : N/A
Extinguishing Media : Foam, Multipurpose Dry Chemical and water Type Extinguishers.
Special Fire Fighting Procedure : None
Unusual Fire and Explosion Hazards : Contact with Strong oxidizers such as Ozone, Liquid Oxygen, Permanganate, etc. may result in fire.
Auto-Ignition Point (°C) : Above 350°C.

Section V - Healty Hazard Data

Suggested First Aid
Eye Contact : Flush with plenty of water for at least 15 minutes and medical care immediately.
Skin Contact : Wash with soap and large quantities of water.
Inhalation : When inhale the dust of Activated Carbon, rinse mouth with water.
If Swallowed : Oxygen treatment and emergency medical treatment.
Effect of Overexposure : Avoid exposure to dust levels above 2.9 mg per cubic meter. Long-term and low-level exposure to the dust may bring about the pneumoconiosis.

Section VI - Reactivity Data

Stability	:Stable
Incompatibility(Materials to Avoid)	:Strong Oxidizers such as Ozone, Liquid Oxygen, Permanganate, Nitric Acid etc.
Hazardous Polymerization	:May not occur.
Conditions to Avoid	:Wet activated carbon removes oxygen from air causing a severe hazard to workers inside carbon vessels and enclosed or confined spaces.

Section VII - Environmental Information

Spill Resource	:Sweeping or Vacuuming. (Spills can create nuisance dust and house keeping problems.)
Recommended disposal	:Dispose of in accordance with local, states, and federal regulation.

Section VIII - Handling and Storage

Protective gloves	:Rubber gloves recommended.
Eye protection	:Goggles recommended.
Respiratory protection	:NIOSH Approved particular filter respirator is recommended if excessive dust is generated.
Ventilation	:Local exhaust is recommended.
Storage precaution	:Packaged activated carbon is not resistant to weather or outside storage and requires indoor storage facilities. Isolation from fireworks is required.

Concluded