



# Material Safety Data Sheet

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<b>1. Product and Company Identification</b>	
. Product name	Chemical Filter Media
. Manufacturer	KJ Filtration Technologies, Ltd. 149 Haishan Rd., Sec 2, Luchou Hsiang Taoyuan Hsien, Taiwan 338 Tel: +886 3 354 7040 / Fax: +886 3 354 4896 <a href="http://www.kjfiltration.com">http://www.kjfiltration.com</a>
<b>2. Main Ingredient</b>	
..Chemical characterization	
. CAS number	Activated carbon
Wt %	7440-44-0 40~80%
..Chemical characterization	
. CAS number	Polyethylene / Polyester bi-component fiber
Wt%	9002-88-4 / 25038-59-9 20~60%
<b>3. Hazards Identification</b>	
. Hazardous reactions	In event of fire, activated carbon may give off CO, CO <sub>2</sub> or other toxic gases depending on fire conditions.
<b>4. First Aid Measure</b>	
. General advise	None
. On skin contact	Burn caused by molten material require immediate hospital treatment.
<b>5. Fire Fighting Measure</b>	
. Extinguishing media	Water, foam, or dry extinguishing media.
. Special exposure hazards in case of fire	Avoid using water in enclosed area.
. Hazardous combustion products	May release CO or CO <sub>2</sub>
. Special protective equipment required	Self contained breathing apparatus
<b>6. Handling and Storage</b>	
. Handling	Wear a mask to prevent inhalation of dust.
. Storage	Store in dry, cool places. Avoid exposure to chemical products and humidity to prevent premature adsorption by activated carbon.

<b>7. Exposure Controls / Personal Protection</b>	
. Exposure guidelines	The limit value for particulate is no more than 10mg/m <sup>3</sup> .
. Indications for engineering controls	Protect electrical equipment from short circuited by high carbon powder concentration. Local exhaust ventilation is recommended where there is a need to remove dust from workers' breathing zone.
. Personal protective equipment	Respiratory protective equipment. Goggles and protective clothe is carbon is spattered.
<b>8. Physical and Chemical Properties (typical)</b>	
. Appearance	Non-woven sheet with activated carbon granules sandwiched between fibers.
. Odor	None
. Color	Activated carbon: black / fibers: white
. Density	150~250g/m <sup>3</sup>
. pH	7~11
<b>9. Stability and Reactivity</b>	
. Stability	Stable
. Conditions to avoid	High temperature
. Materials to avoid	Solvents and strong oxidizing agents.
. Hazardous decomposition products	CO and CO <sub>2</sub>
<b>10. Toxicological Information</b>	
. Effects on men	No effects from chronic exposure are known.
. Animal datas	For fibers, acute oral toxicity (LD50) >5000 mg/kg tested on rats
<b>11. Ecological Information</b>	
. Mobility	Airborn dust
. Ecotoxicity	None
<b>12. Disposal Considerations</b>	
. Waste and spattered packing	To conform with relevant current regulations.
<b>13. Transport Information</b>	
. Classification	Not classified as hazardous under transport regulations.

The information contained in this MSDS is not meant to be all-inclusive. It is prepared in good faith and believed to be accurate at the time of preparation. However, no warranty, expressed or implied is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with local laws.