



BARNEBEY & SUTCLIFFE CORP
Activated Carbon & Air Purification Equipment

P.O. Box 2526
Columbus, Ohio 43218

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard, #129
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

IDENTITY (As Used on Label and List)
VIRGIN ACTIVATED CARBON AC
Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name BARNEBEY & SUTCLIFFE CORPORATION		Emergency Telephone Number (614) 451 - 2392	
Address (Number, Street, City, State, and ZIP Code) 835 NORTH CASSADY AVENUE		Telephone Number for Information (614) 258 - 9501	
COLUMBUS, OHIO 43219		Date Prepared	
		Signature of Preparer (optional) <i>Mohammed A. Bayati</i>	

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
NON-HAZARDOUS PER OFFICE OF HAZARDOUS MATERIALS MANAGEMENT				
CARBON OR ACTIVATED CARBON, CHEMICAL FORMULA - "C"				
Activated Carbon	CASH 7490-44-0	80-97 %		
WATER		2-8 %		
ASH		1-12 %		

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H₂O = 1)	0.30-0.70
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Not Soluble			
Appearance and Odor Black irregular granules without odor			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits	LEL N/A	UEL N/A
		Ignition Temp.	340° C	
Extinguishing Media Not rated by the NFPA; Water-Inert gases such as N ₂ or CO ₂ , dry chemical agents.				
Special Fire Fighting Procedures N/A				
Unusual Fire and Explosion Hazards N/A				

Section V - Reactivity Data			
Stability	Unstable		Conditions to Avoid
	Stable	X	
#129			
Incompatibility (Materials to Avoid)			
Avoid contact with high concentrations of ketones in air, contact Barnbey & Sutcliffe Corp. for further information.			
Thermal Decomposition or Byproducts			
NONE			
Hazardous Polymerization			
	May Occur		Conditions to Avoid
	Will Not Occur	X	
Section VI - Health Hazard Data			
Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Dust may be inhaled		
Health Hazards (Acute and Chronic)			
N/A			
Carcinogenicity:			
N/A	NTP?	IARC Monographs?	OSHA Regulated?
	N/A	N/A	N/A
Signs and Symptoms of Exposure			
Slight irritation of eyes and nose may result from contact with carbon fines.			
Medical Conditions			
Generally Aggravated by Exposure N/A			
Emergency and First Aid Procedures			
Rinse affected areas with copious amounts of water and follow up with physicians exam if necessary.			
Section VII - Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material is Released or Spilled			
Collect with broom and shovel.			
Wet carbon may be collected with broom and shovel and disposed of in plastic containers. See Section IV.			
Waste Disposal Method			
Place in suitable container and dispose of by incineration or by transfer to a sanitary landfill in accordance with local, state and federal regulations.			
Precautions to Be Taken in Handling and Storing			
Since wet activated carbons adsorb oxygen, do not enter closed vessels without using a self contained breathing apparatus.			
High bed temperature during high Ketone concentration adsorption may cause bed fires.			
Other Precautions			
N/A			
Section VIII - Control Measures			
Respiratory Protection (Specify Type)			
	Dustmask		
Ventilation	Local Exhaust	N/A	Special N/A
	Mechanical (General)	N/A	Other N/A
Protective Gloves	Disposable Gloves		Eye Protection Safety Goggles
Other Protective Clothing or Equipment			
N/A			
Work/Hygienic Practices			
N/A			
N/A : NOT APPLICABLE			