



BARNEBEY & SUTCLIFFE CORP
Activated Carbon & Air Purification Equipment

P.O. Box 2526
Columbus, Ohio 43216

Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

F-626groveF

ENTITY (As Used on Label and List)

ACTIVATED CARBON TYPE ST

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 12/11/91
	Signature of Preparer (optional) <i>Mohammed A. Bayall</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	CAS# 7490-44-0			80-97 %
WATER	<			20 %
SODIUM AND POTASSIUM SALT	<			15 %

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 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	UEL
		Ignition Temp. 340° C	N/A	N/A
Extinguishing Media	Not rated by the NFPA; Water-Inert gases such as N ₂ or CO ₂ , dry chemical agents.			
Fire Fighting Procedures	N/A			
Unusual Fire and Explosion Hazards	N/A			

Section V - Reactivity Data

F-026revB

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid)
 Avoid contact with high concentrations of ketones in air, contact Barnebey & Sutcliffe Corp. for further information.

Hazardous 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? N/A IARC Monographs? N/A OSHA Regulated? 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)			
Ventilation	Dustmask		
	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