

ADSORPTIVE CAPACITY OF ACTIVATED CARBON ON VARIOUS ODORS AND COMPOUNDS

Acetaldehyde	L	Carbolic Acid	E	Dichlorotetrafluoroethane	G
Acetic acid	E	Carbon Bisulfide	L	Diesel Fumes	G
Acetic Anhydride	E	Carbon Dioxide	M	Diethyl Amine	G
Acetone	G	Carbon Monoxide	M	Diethyl Ketone	E
Acetylene	M	Carbon Tetrachloride	E	Dimethylaniline	E
Acids	G	Cellosolve	E	Dimethylsulfate	E
Acrolein	G	Cellosolve Acetate	E	Dioxane	E
Acrylic Acid	E	Charred Materials	E	Dipropyl Ketone	E
Acrylonitrile	E	Cheese	E	Disinfectants	E
Adhesives	E	Chemicals	G		
Alcohol	E	Chlorine	L	Embalming Odors	E
Alcoholic Beverages	E	Chlorobenzene	E	Ethane	M
Amines	L	Chlorobutadiene	E	Ether	G
Ammonia	L	Chloroform	E	Ethyl Acetate	E
Amyl Acetate	E	Chloro Nitropropane	E	Ethyl Acrylate	E
Amyl Alcohol	E	Chloropicrin	E	Ethyl Alcohol	E
Amyl Ether	E	Citrus and other Fruits	E	Ethyl Amine	G
Animal Odors	G	Cleaning Compounds	E	Ethyl Benzene	E
Anesthetics	G	Coal Smoke	G	Ethyl Bromide	G
Aniline	E	Combustion Odors	G	Ethyl Chloride	G
Antiseptics	E	Cooking Odors	E	Ethyl Ether	G
Asphalt Fumes	E	Corrosive Gases	L	Ethyl Formate	G
Automobile Exhaust	G	Cosmetics	E	Ethyl Mercaptan	E
		Creosote	E	Ethyl Silicate	E
Bacteria	G	Cresol	E	Ethylene	M
Bathroom Smells	E	Crotonaldehyde	E	Ethylene Chlorhydrin	E
Benzene	E	Cyclohexane	E	Ethylene Dichloride	E
Bleaching Solutions	G	Cyclohexanol	E	Ethylene Oxide	G
Body Odors	E	Cyclohexanone	E	Essential Oils	E
Bromine	E	Cyclohexene	E	Eucalyptole	E
Burned Flesh	E			Exhaust Fumes	G
Burned Food	E	Dead Animals	E		
Burning Fat	E	Decane	E	Fertilizer	E
Butadiene	G	Decaying Substances	E	Film Processing Odors	G
Butane	L	Decomposition Odors	E	Fish Odors	E
Butanone	L	Deodorants	E	Floral Scents	E
Butyl Acetate	E	Detergents	E	Fluorotrichloromethane	G
Butyl Alcohol	E	Dibromethane	E	Food Aromas	E
Butyl Cellosolve	E	Dichlorobenzene	G	Formaldehyde	L
Butyl Chloride	E	Dichlorodifluoromethane	G	Formic Acid	G
Butyl Ether	E	Dichloroethane	E	Fruits	E
Butylene	L	Dichloroethylene	E	Fuel Gases	L
Butyne	L	Dichloroethyl Ether	E	Fumes	G
Burytaldehyde	G	Dichloromonofluoromethane	G		
Butyric Acid	E	Dichloro-nitroethane	E		
		Dichloropropane	E		
Camphor	E				
Cancer Odor	E				
Caprylic Acid	E				

Adsorptive Capacity Rating Guide:

- E - Excellent:** Compound is readily adsorbed. Each pound of carbon will adsorb an average of 33-1/3% of its weight in the compound.
- G - Good:** Compound is readily adsorbed, but it will take two or more times as much carbon to adsorb a compound compared to one with an Excellent rating. Each pound will adsorb an average of 16.7% of its weight in the compound.
- L - Low:** Low capacity for adsorption. Can be used under certain circumstances.
- M - Minimal:** Not recommended.

Gangrene	E	Methyl Isobutyl Ketone	E	Propyl Chloride	E
Garlic	E	Methyl Mercaptan	E	Propyl Ether	E
Gasoline	E	Methylal	G	Propyl Mercaptan	P
Glue	E	Methylcyclohexane	E	Propylene	L
Heptane	E	Methylcyclohexanol	E	Propyne	E
Heptylene	E	Methylcyclohexanone	E	Putrefying Substances	G
Hexane	G	Methylene Chlorine	E	Putrescine	E
Hexylene	G	Mildew	G	Pyridine	E
Hexyne	G	Mixed Odors	E		
Hospital Odors	E	Mold	G	Radiation Products	L
Household Smells	E	Monochlorobenzene	E	Rancid Oil	E
Hydrogen	M	Monofluorotrichloromethane	G	Resins	E
Hydrogen Bromide	L	Moth Balls	E	Reodorants	E
Hydrogen Chloride	L			Ripening Fruits	E
Hydrogen Cyanide	L	Naphtha (Coal Tar)	E	Rubber	E
Hydrogen Flouride	L	Naphtha (Petroleum)	E		
Hydrogen Iodide	L	Naphthalene	E	Sauerkraut	E
Hydrogen Selenide	L	Nicotine	E	Sewer Odors	E
Hydrogen Sulfide	L	Nitric Acid	G	Skatole	E
Incense	E	Nitro Benzenes	E	Slaughtering Odors	G
Indole	E	Nitroethane	E	Smog	E
Inorganic Chemicals	G	Nitrogen Dioxide	L	Soaps	E
Incomplete Combustion	G	Nitroglycerine	E	Smoke	E
Industrial Wastes	G	Nitromethane	E	Solvents	G
Iodine	E	Nitropropane	E	Sour Milk	E
Iodoform	E	Nitrotoluene	E	Spilled Beverages	E
Isophorone	E	Nonane	E	Spoiled Food Stuffs	E
Isophrene	G	Noxious Gases	G	Stale Odors	E
Isopropyl Acetate	E			Stoddard Solvent	E
Isopropyl Alcohol	E	Octalene	E	Stiffness	E
Isopropyl Ether	E	Octane	E	Styrene Monomer	E
Kerosene	E	Odorants	E	Sulfur Compounds	E
Kitchen Odors	E	Onions	E	Sulfur Dioxide	L
		Organic Chemicals	E	Sulfur Trioxide	L
		Ozone	E	Sulfuric Acid	E
Lactic Acid	E	Packing House Odors	E	Tar	E
Lingering Odors	E	Paint & Redecorating Odors	E	Tarnishing Gases	G
Liquid Fuels	E	Palmitic Acid	E	Tetrachloroethane	E
Liquid Odors	E	Paper Deteriorations	E	Tetrachloroethylene	E
Lubricating Oil and Greases	E	Paracichlorbenzine	E	Theatrical Makeup Odors	E
Masking Agents	E	Paste	E	Tobacco Smoke	E
Medicinal Odors	E	Pentane	G	Toilet Odors	E
Melons	E	Pentanone	E	Toluene	E
Menthol	E	Pentylene	G	Toluidine	E
Mercaptans	E	Pentyne	G	Trichloroethylene	E
Mesityl Oxide	E	Perchloroethylene	E	Turpentine	E
Methane	M	Perfumes	E		
Methyl Acrylate	G	Perspiration	E	Urea	E
Methyl Alcohol	E	Pet Odors	E	Uric Acid	E
Methyl Alcohol	G	Phenol	E		
Methyl Bromide	G	Phosgene	G	Valeric Acid	E
Methyl Butyl Ketone	E	Pitch	E	Valeraldehyde	E
Methyl Cellosolve	E	Plastics	E	Vapors	E
Methyl Cellosolve Acetate	E	Poison Gases	G	Varnish Fumes	E
Methyl Chloride	E	Pollen	G	Vinegar	E
Methyl Chloroform	L	Popcorn and Candy	E	Vinyl Chloride	L
Methyl Ether	G	Poultry Odors	E	Viruses	G
Methyl Ethyl Ketone	E	Propane	L	Volatile Materials	G
Methyl Formate	G	Propionaldehyde	G		
Methyl Isobutyl Ketone	E	Propionic Acid	E	Waste Products	E
		Propyl Acetate	E	Wood Alcohol	G
		Propyl Alcohol	E		
				Xylene	E