Cameron Carbon
INCORPORATED

Activated Carbon
& Related Technology

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ADSORPTION INDEX

SUBSTANCE	
Acetaldehyde	2
Acetic acid	4
Acetic anhydride	4
Acetone	3
*Acetylene	1
*Acrolein	3
Acrylic acid	4
Acrylonitrile	4
Adhesives	4
Air-Wick	4
Alcoholic beverages	4
*Amines	2
*Ammonia	2
Amyl acetate	4
Amyl alcohol	4
Amyl ether	4
Animal odors	3
Anesthetics	3
Aniline	4
Antiseptics	4
Asphalt fumes	4
Automobile exhaust	3
Bathroom smells	4
Benzene	4
*Bleaching solutions	3
Body odors	4
Borane	3
Bromine	4
Burned flesh	4
Burned food	4
Burning fat	4
Butadiene	3
Butane	2
Butanone	4
Butyl acetate	4
Butyl alcohol	4
Butyl cellosolve	4
Butyl chloride	4
Butyl ether	4
*Butylene	2
*Butyne	2
*Butyraldehyde	3
Butyric acid	4
Camphor	4
Cancer odor	4
Caprylic acid	4
Carbolic acid	4
Carbon disulfide	4
*Carbon dioxide	1
Carbon monoxide	1
Carbon tetrachloride	4
Cellosolve	4
Cellosolve acetate	4
Charred materials	4
Cheese	4
Chlorine	3
Chlorobenzene	4
Chlorobutadiene	4
Chloroform	4
Chloronitropropane	4
Chloropicrin	4
Cigarette smoke odor	4
Citrus and other fruits	4
Cleaning compounds	4
Combustion odors	3
Corrosive Gasses	3
Cooking odors	4
Creosote	4
Cresol	4
Crotonaldehyde	4
Cyclohexane	4
Cyclohexanol	4
Cyclohexanone	4
Cyclohexene	4
Dead animals	4
Decane	4
Decaying substances	4
Deodorants	4
Detergents	4
Dibromethane	4
Dichlorobenzene	4
Dichlorodifluoromethane	4
Dichloroethane	4
Dichloroethylene	4
Dichloroethyl ether	4
Dichloromonofluormethane	3
Dichloronitroethane	4
Dichloropropane	4
Dichlorotetrafluoroethane	4
Diesel fumes fumeador	4
*Diethylamine	3
Diethyl ketone	4
Dimethylaniline	4
Dimethylsulfate	4
Dioxane	4
Dipropyl ketone	4
Disinfectants	4
Embalming odors	4
Ethane	1
Ether	3
Ethyl acetate	4
Ethyl acrylic	4
Ethyl alcohol	4
*Ethyl amine	3
Ethyl benzene	4
Ethyl bromide	4
Ethyl chloride	3
Ethyl ether	3
Ethyl formate	3
Ethyl mercaptan	3
Ethyl silicate	4
*Ethylene	1
Ethylene chlorhydrin	4
Ethylene dichloride	4
Ethylene oxide	3
Essential oils	4
Eucalyptole	4
Exhaust fumes	3
Fertilizer	4
Film processing odors	3
Fish odors	4
Floral scents	4
Fluorotrichloromethane	3
Food aromas	4
*Formaldehyde	2
Formic acid	3
Fuel gases	2
Fumes	3
Gangrene	4
Garlic	4
Gasoline	4
Heptane	4
Heptylene	4
Hexane	3
*Hexylene	3
*Hexyne	3
Hospital odors	4
Household smells	4
Hydrogen	1
*Hydrogen bromide	2
*Hydrogen chloride	2
*Hydrogen cyanide	2
*Hydrogen fluoride	2
*Hydrogen iodide	3
*Hydrogen selenide	2
*Hydrogen sulfide	3
Incense	4
Indole	4
Industrial wastes	3
Iodine	4
Iodoform	4
Irritants	4
Isophorone	4
*Isoprene	3
Isopropyl acetate	4
Isopropyl alcohol	4
Isopropyl ether	4
Kerosene	4
Kitchen odors	4
Lactic acid	4

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Lingering odors	4	Packing house odors	4	Stuffiness	4
Liquid fuels	4	Paint and redecorating odors	4	Styrene monomer	4
Liquor odors	4	Palmitic acid	4	*Sulfur dioxide	3
Lubricating oils and greases	4	Paper deteriorations	4	*Sulfur trioxide	3
Lysol	4	Paradichlorobenzene	4	Sulfuric acid	4
Masking agents	4	Paste and glue	4	Tar	4
Medicinal odors	4	Pentane	3	*Tarnishing gases	3
Melons	4	Pentanone	4	Tetrachloroethane	4
Menthol	4	*Pentylene	3	Tetrachloroethylene	4
Mercaptans	4	*Pentyne	3	Theatrical makeup odors	4
Mestyl oxide	4	Perchloroethylene	4	Tobacco smoke odor	4
Methane	1	Perfumes, cosmetics	4	Toilet odors	4
Methyl acetate	3	Perspirations	4	Toluene	4
Methyl acrylate	4	Presistent odors	4	Toluidine	4
Methyl alcohol	3	Pet odors	4	Trichlorethylene	4
Methyl bromide	3	Phenol	4	Trichloroethane	4
Methyl butyl ketone	4	Phosgene	3	Turpentine	4
Methyl cellosolve	4	Pitch	4	Urea	4
Methyl cellosolve acetate	4	Plastics	4	Uric acid	4
Methyl chloride	3	Pollen	3	Valeric acid	4
Methyl chloroform	4	Popcorn and candy	4	Valericaldehyde	4
Methyl ether	3	Poultry odors	4	Varnish fumes	4
Methyl ethyl ketone	4	Propane	2	Vinegar	4
Methyl formate	3	*Propionaldehyde	3	Vinyl chloride	3
Methyl isobutylketone	4	Propionic acid	4	Waste products	3
Methyl mercaptan	4	Propyl acetate	4	Wood alcohol	3
Methylcyclohexane	4	Propyl alcohol	4	Xylene	4
Methylcyclohexanol	4	Propyl chloride	4		
Methylcyclohexanone	4	Propyl ether	4		
Methylene chloride	4	Propyl mercaptan	4		
Mildew	3	*Propylene	2		
Mixed odors	4	*Propyne	2		
Mold	3	Putrefying substances	3		
Monochlorobenzene	4	Putrescine	4		
Monofluorotrichloromethane	4	Pyridine	4		
Moth balls	4	Radiation products	2		
Naphtha (coal tar)	4	Rancid oils	4		
Naphtha (petroleum)	4	Resins	4		
Naphthalene	4	Reodorants	4		
Nicotine	4	Ripening fruits	4		
Nitric acid	3	Rubber	4		
Nitro benzenes	4	Sauerkraut	4		
Nitroethane	4	Sewer odors	4		
Nitrogen dioxide	2	Skatole	4		
Nitroglycerine	4	Slaughtering odors	3		
Nitromethane	4	Smog	4		
Nitropropane	4	Soaps	4		
Nonane	4	Smoke	4		
Octalene	4	Solvents	3		
Octane	4	Sour milks	4		
Odorants	4	Spilled beverages	4		
Onions	4	Spoiled foodstuffs	4		
Organic chemicals	4	Stale odors	4		
Ozone	4	Stoddard solvent	4		

This Adsorption Index is intended to be used only as a relative guide to adsorption capacity for the various compounds listed.

For those compounds marked "*", a specialty chemically impregnated carbon is required.

4 = High Capacity (20 – 50%)

3 = Medium Capacity (10 – 25%)

2 = Low Capacity (<10% w/w)

1 = Not physically adsorbed under normal conditions