



SPG Air Purification Rod - Selected Chemicals in Air Environments

Contamination reduction.

SPG is the perfect choice as a cleaning agent.

Jan. 18

Chemical	"Composition Family"	Formula
Acetaldehyde	Aldehyde	CH ₃ CHO
Acetic Acid	Acid	CH ₃ COOH
Acetone	Ketone	CH ₃ COCH ₃
Acetylene	Alkyne	C ₂ H ₂
Acrolein	Aldehyde	C ₃ H ₄ O
Acrylic Acid	Acid	C ₃ H ₄ O ₂
Allyl Chloride	Halogenated	C ₃ H ₅ Cl
Ammonia	Inorganic	NH ₃
Amyl Acetate, n-	Ester	C ₇ H ₁₄ O ₂
Amyl Alcohol, n-	Alcohol	C ₅ H ₁₂ O
Amyl Alcohol, sec-(2-Pentanol)	Alcohol	C ₅ H ₁₂ O
Amyl Ether	Ether	C ₁₀ H ₂₂ O
Aniline	Amine	C ₆ H ₇ N
Arsine	Inorganic	H ₃ As
Arsin, Chlorodiphenyl	Misc	(C ₆ H ₅) ₂ AsCl
Benzaldehyde	Aldehyde	C ₇ H ₆ O
Benzene	Aromatic	C ₆ H ₆
Benzyl Chloride	Halogenated	C ₇ H ₇ Cl
Bromine	Element	Br ₂
Butadiene, 1,3-	Misc	C ₄ H ₆
Butane	Alkane	C ₄ H ₁₀
Butene, 2-	Alkene	C ₄ H ₈
Butyl Acetate, n-	Ester	C ₆ H ₁₂ O ₂
Butyl Alcohol, n-	Alcohol	C ₄ H ₁₀ O
Butyl Cellosolve (2-n-Butoxy-1-Ethanol)	Alcohol	C ₆ H ₁₄ O
Butyl Chloride	Halogenated	C ₄ H ₉ Cl
Butyl Ether	Ether	C ₆ H ₁₄ O
Butyl Mercaptan	Mercaptan	C ₄ H ₁₀ S
Butyl Mercaptan, n-	Mercaptan	C ₄ H ₉ SH
Butylamine, n-	Amine	C ₄ H ₉ NO ₂
Butylene	Alkene	C ₄ H ₆
Butyraldehyde	Aldehyde	C ₄ H ₈ O
Butyric Acid, n-	Acid	C ₃ H ₇ COOH
Cadaverine(1,5-Diamino Pentane)	Amine	C ₅ H ₁₄ N ₂
Camphene	Misc	C ₁₀ H ₁₆
Caproic Acid	Acid	C ₅ H ₁₁ COOH
Caprylic Acid	Acid	C ₇ H ₁₅ COOH
Carbon Disulfide Sulfide	Sulfide	CS ₂
Carbonyl Sulfide	Sulfide	COS
Cellosolve (2-Ethoxy Ethanol)	Alcohol	C ₄ H ₁₀ O ₂
Cellosolve Acetate (2-Ethoxy Ethano-Acetate)	Ester	C ₆ H ₁₂ O ₃
Chlorine	Element	Cl ₂
Chlorine Dioxide	Inorganic	ClO ₂
Chlorobenzene	Halogenated	C ₆ H ₅ Cl
Chlorodifluoromethane (Halon FC 12-B)	Halogenated	CClBeF ₂



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Chloroform	Halogenated	CHCl ₃
Chlorophenol, 2-	Halogenated	C ₆ H ₅ OCl
Chlorophenol, 3-	Halogenated	C ₆ H ₅ OCl
Chlorophenol, 4-	Halogenated	C ₆ H ₅ OCl
Chloropicrin	Halogenated	CClNO ₂
Chloroprene	Halogenated	C ₃ H ₅ Cl
Chloroprene,(1,3-butadiene, 2-chloro,)	Halogenated	C ₄ H ₅ Cl
Cholesierol,(5-Cholesten-3(3-ol)	Misc	C ₂₇ H ₄₆ O
Coprostanol,(50-Cholestan-3(1-01)	Misc	C ₂₇ H ₄₆ O
Creosote	Misc	
Cresol	Phenol	HO C ₆ H ₄ CH ₃
Crotoaldehyde	Aldehyde	C ₄ H ₆ O
Cyclohexane	Alkane	C ₆ H ₁₂
Cyclohexanol	Alcohol	C ₆ H ₁₂ O
Cyclohexanone	Ketone	C ₆ H ₁₀ O
Cyclohexene	Alkene	C ₆ H ₁₀
Cymene, p-	Aromatic	C ₁₀ H ₁₄
Decane	Alkane	C ₁₀ H ₂₂
Diacetyl	Ketone	C ₄ H ₆ O ₂
Dially Disulfide	Sulfide	C ₆ H ₁₀ S ₂
Dibromoethane	Halogenated	C ₂ H ₄ Br ₂
Dichlorobenzene, 1,2-	Halogenated	C ₆ H ₄ Cl ₂
Dichlorobenzene, 1,3-	Halogenated	C ₆ H ₄ Cl ₂
Dichlorobenzene, 1,4-	Halogenated	C ₆ H ₄ Cl ₂
Dichloroethylene,1,1-	Halogenated	CHCl ₂ CH ₃
Dichloroethylene,1,2-	Halogenated	C ₂ H ₂ Cl ₂
Dichloroethylene,(E) trans-1,2-	Halogenated	C ₂ H ₂ Cl ₂
Dichloroethylene,(Z) cis-1,2-	Halogenated	C ₂ H ₂ Cl ₂
Dichlorophenol	Halogenated	C ₆ H ₄ Cl ₂ O
Dichloropropane	Halogenated	C ₃ H ₆ Cl ₂
Diethylamine	Amine	(C ₂ H ₅) ₂ NH
Diisopropylmethyl, phosphonate (DIMP)	Ester	C ₆ H ₇ O ₃ P
Dimethyl Aniline	Amine	C ₆ H ₁₁ N
Dimethyl Sulfate	Sulfur	C ₂ H ₆ O ₄ S
Dimethylacetamide	Misc	C ₄ H ₉ NO
Dimethylamine	Amine	(CH ₃) ₂ NH
Dimethyldisulfide	Sulfur	C ₂ H ₆ S ₂
Dimethylhydrazine, 1,1-	Misc	C ₂ H ₈ N ₂
Dimethylmethyl, phosphonate (DMMP)	Ester	C ₃ H ₉ O ₃ P
Dimethylsulfide	Sulfide	(CH ₃) ₂ S
Dimethylsulfoxide	Sulfur	C ₂ H ₆ OS
Dioxane, 1,4-	Misc	C ₄ H ₈ OO ₂
Ethane	Alkane	C ₂ H ₆
Ethyl Acetate	Ester	C ₄ H ₈ O ₂
Ethyl Acrylate	Ester	C ₅ H ₈ O ₂



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Ethyl Alcohol	Alcohol	C ₂ H ₅ OH
Ethyl Benzene	Aromatic	C ₈ H ₁₀
Ethyl Bromide	Halogenated	C ₂ H ₅ Br
Ethyl Chloride	Halogenated	C ₂ H ₅ Cl
Ethyl Ether	Ether	C ₄ H ₁₀ O
Ethyl Ether,Di-(2-Ethoxyethane)	Alcohol	C ₄ H ₁₀ O
Ethyl Formate	Ester	C ₃ H ₆ O ₂
Ethyl Mercaptan	Mercaptan	C ₂ H ₆ S
Ethyl Silicate	Misc	C ₉ H ₂₀ O ₄ Si
Ethylamine	Amine	C ₂ H ₇ N
Ethylene	Alkene	C ₂ H ₄
Ethylene Oxide	Misc	C ₂ H ₄ O
Eucalyptol (Limonene Oxide)	Misc	C ₁₀ H ₁₈ O
Formaldehyde	Aldehyde	CH ₂ O
Formic Acid	Acid	HCOOH
Furan		C ₄ H ₄ O
Geosmin		C ₁₂ H ₂₂ O
Heptane, n-	Alkane	C ₇ H ₁₆
Heptanone, 2-	Ketone	C ₇ H ₁₄ O
Heptanone, 4-(Dipropylketon)	Ketone	C ₇ H ₁₄ O
Hexachlorobenzene	Halogenated	C ₆ Cl ₆
Hexachloethane	Halogenated	C ₂ Cl ₆
Hexanal	Aldehyde	C ₆ H ₁₂ O
Hexane, n-	Alkane	C ₆ H ₁₄
Hexanone, 2- (Methyl Butyl Ketone)	Ketone	C ₆ H ₁₂ O
Hexene, 1-	Alkene	C ₆ H ₁₂
Hydrazine	Inorganic	N ₂ H ₄
Hydrogen Bromide	Inorganic	HBr
Hydrogen Iodide	Inorganic	HI
Hydrogen Peroxide		H ₂ O ₂
HydrogenSelenide	Inorganic	H ₂ Se
Hydrogen Sulfide	Sulfide	H ₂ S
Hydroxylamine	Amine	H ₃ NO
indole	Alkaloid	C ₈ H ₇ N
Iodoform	Halogenated	CHI ₃
Isobutyl alcohol	Alcohol	C ₄ H ₁₀ O
Isoprene (1.30butadiene, 2-Methyl)	Misc	C ₅ H ₈
Isopropanol	Alcohol	C ₃ H ₇ OH
Isopropyl Acetate, Di-	Ester	C ₅ H ₁₀ O ₂
Isopropyl Ether	Ether	C ₃ H ₈ O
Isopropyl-3-Methoxy -Pyrazine, 2-(IPMP)		C ₈ H ₁₂ N ₂ O
Isovaleric acid	Acid	C ₄ H ₉ COOH
Lactic Acid	Acid	C ₃ H ₅ O ₃
Limonene(1-Pentene)	Misc	C ₁₀ H ₁₆
Mercury(vapor)	Element	Hg



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Methane	Alkane	CH ₄
Methyl Acetate	Ester	C ₃ H ₆ O ₂
Methyl Acrylate	Ester	C ₄ H ₆ O ₂
Methyl Alcohol	Alcohol	CH ₄ O
Methyl Amine	Amine	CH ₃ N
Methyl Bromide	Halogenated	CH ₃ Br
Methyl-1-Butano1,3-	Alcohol	C ₅ H ₁₂ O
Methyl-2-Butano1,3-	Alcohol	C ₅ H ₁₂ O
Methyl Cellosolve Acetate (2-Methoxy Ethnnot Acetate)	Ester	C ₅ H ₁₀ O ₃
Methyl Cellosolve, n-(2-Methoxy Ethanol)	Alcohol	C ₃ H ₈ O ₂
Methyl Chloride	Halogenated	CH ₃ Cl
Methyl-t-Butyl Ether (MTBE)	Ether	C ₅ H ₁₂ O
Methyl Ether, Di-	Ether	C ₂ H ₆ O
Methyl Ethyl Ketone(2-Butanone)	Ketone	C ₃ H ₈ O
Methyl Ethyl Ketone Oxime		C ₄ H ₉ NO
Methyl Formate	Ester	C ₂ H ₄ O ₂
Methylfuran, 2-		C ₅ H ₆ O
Methylfuran, 3-		C ₅ H ₆ O
Methyl Iodide	Halogenated	CH ₃ I
Methylisoborneol, 2-(M1B)		C ₁₁ H ₂₀ O
Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	Ketone	C ₆ H ₁₂ O
Methyl Mercaptan	Mercaptan	CH ₃ SH
Methyl Methacrylate	Ester	C ₅ H ₈ O ₂
Methyl-1-Propanol, 2-	Alcohol	C ₄ H ₁₀ O
Methyl Pyrrolidine, 1-	Misc	C ₅ H ₁₁ N
Methylamine	Amine	CH ₃ NH ₃
Methylene Chloride	Halogenated	CH ₂ Cl ₂
Naphtha	Misc	
Naphthalene	Aromatic	C ₁₀ H ₈
Nerve Agent GA (Tabun)	Misc	
Nerve Agent GB (Sarin)	Misc	
Nerve Agent GD (Soman)	Misc	
Nerve Agent VX (VX)	Misc	
Nicotine (3-(2-(N-Methylpyrrolidiny)) pridine	Alkaloid	C ₁₀ H ₁₄ N ₂
Nicotinic Acid	Misc	C ₅ H ₄ NCOOH
Nitric Acid	Inorganic	HNO ₃
Nitric Oxide	Inorganic	NO
Nitrobenzene	Nitro	C ₆ H ₄ NO ₂
Nitroethane	Nitro	C ₂ H ₅ NO ₂
Nitrogen Dioxide	Inorganic	NO ₂
Nitromethane	Nitro	C ₃ H ₇ NO ₂
Nitropropane	Nitro	C ₃ H ₇ NO ₂
Nitrosodlmethylamine, n-	Amine	C ₂ H ₆ NN ₂ O
Nitrotoluene (Benzene, 1- methyl-4nitro())	Nitro	C ₇ H ₇ NO ₂
Nonane	Alkane	C ₉ H ₂₀



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Chemical	"Composition Family"	Formula
Octane	Alkane	C_8H_{18}
Oxygen anion radical	Ion	O_2^-
Oxygen cation radical	Ion	O_2^+
Pentacene	Aromatic	$C_{22}H_{14}$
Pentachloroethane	Halogenated	C_2HCl_5
Pentane, i-	Alkane	C_5H_{12}
Pentane, n-	Alkane	C_5H_{12}
Pentanone, 2-	Ketone	$C_5H_{10}O$
Pentanone,3-(Diethylketone)	Ketone	$C_7H_{14}O$
Perylene	Aromatic	$C_{20}H_{12}$
Phenanthrene	Aromatic	$C_{14}H_{10}$
Phenol	Phenol	C_6H_5OH
Phenoxyethanol, 2-		$C_8H_{10}O_2$
Phosgene	Inorganic	$COCl_2$
Phosphonofluoridic Acid	Misc	
Pinrre. a-	Misc	C_8H_{19}
Propane	Alkane	C_3H_8
Propionaldehyde (Propanol)	Aldehyde	C_3H_6O
Propionic Acid	Acid	$C_3H_6O_2$
Propyl acetate. n-	Ester	
Propyl Benzene, n-	Aromatic	C_9H_{12}
Propyl Chloride (1-Chloropropane)	Halogenated	C_3H_7Cl
Propyl Ether, Di-n-	Ether	$C_6H_{14}O$
Propyl Mercaptan, n-	Mercaptan	C_3H_8S
Propylene	Alkene	C_3H_6
Putrescine(1,4-Butanediamine)	Amine	$C_4H_{12}N_2$
Pyridine	Misc	C_5H_5N
Skatole	Alkaloid	C_9H_9N
Styrene	Aromatic	C_8H_8
Terpentine	Misc	$C_{10}H_{18}O$
Terpinel, 1		$C_{10}H_{18}O$
Tetrachloroethylene	Halogenated	C_2Cl_4
Tetrachloroethane	Halogenated	$C_2H_2Cl_4$
Tetrachloromethane (Carbon Tetrachloide)	Halogenated	CCl_4
Tetrafluorethane, 1,2,2,2-(R134a)	Halogenated	$C_2H_2F_4$
Tetrahydrofuran		C_4H_8O
Toluene	Aromatic	C_7H_8
Trichlorobenzene, 1,2,4-	Halogenated	$C_6H_3Cl_3$
Trichloro-1,2,2-Trifluorethane, 1,1,1-(CFC-113)	Halogenated	$C_2Cl_3F_3$
Trichloroethane, 1,1,1-	Halogenated	$C_2H_3Cl_3$
Trichloroethane, 1,1,2-	Halogenated	$C_2H_3Cl_3$
Trichloroethylene	Halogenated	C_2HCl_3
Trichlorofluormethane (Freon11)	Halogenated	CCl_3F
Triethylamine	Amine	$(C_2H_5)_3N$
Trimethylamine	Amine	$(CH_3)_3N$



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Trimethylbenzene, 1,2,3-	Aromatic	C_9H_{12}
Trimethylbenzene 1,2,4-	Aromatic	C_9H_{12}
Trimethylbenzene 1,3,5-(Mesitylene)	Aromatic	C_9H_{12}
Trimethylstibine	Misc	$Sb(CH_3)_3$
Undecane, n-	Alkane	$C_{11}H_{24}$
Urea	Misc	CH_4N_2O
Uric Acid	Misc	$C_5H_4N_4O_3$
Valeric Acid	Acid	$C_5H_{10}O_2$
Vinyl Chloride	Halogenated	CH_2CHCl
Xylene, m-	Aromatic	C_8H_{10}
Xylene, o-	Aromatic	C_8H_{10}
Xylene, p-	Aromatic	C_8H_{10}

We cannot be held responsible for errors in the manual/datasheet and reserve the right to correct any errors and to make product improvements, which may affect the accuracy of the manual/datasheet, without prior notice.