

Kundeninformation der Fa. FABBS e. K

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BW GasAlert Micro5 PID (Correction Factors) RF – Faktor zur Korrektur des PID-Messwert !

11/2010

Die **blau und rot** aufgelisteten Verbindungen können mit dem BW-PID aufgespürt werden.

Die schwarzen aufgelisteten Verbindungen können nicht mit einem 10.6 eV GasAlert Micro 5-PID aufgespürt werden.

(Compounds listed in **Black** cannot be detected with a 10.6 eV lamp equipped GasAlertMicro 5-PID).

(Compounds listed in **Blue** and **Red** are detectable with the M5-PID).

Gas Name (<i>englisch</i>)	Gasnamen (<i>deutsch</i>)	Formula	Ionization Potential	Detectable by 10.6 eV Lamp	BW 10.6 eV Lamp (RF)
Acetaldehyde	Ethylenoxid	C2H4O	10.23	Yes	4.7
Acetic Acid	Essigsäure	C2H4O2	10.66	No	
Acetic Anhydride	Essigsäureanhydrid	C4H6O3	10.14	Yes	
Acetone	Aceton	C3H6O	9.69	Yes	1.1
Acetonitrile	Acetonitril	CH3CN	12.2	No	
Acetylene	Acetylen	C2H2	11.4	No	
Acrolien	Malonsäure	C3H4O	10.22	Yes	
Acrylic Acid	Acrylsäure	C3H4O2	10.6	Yes	
Acrylonitrile	Acrylnitril	C3H3N	10.91	No	
Allyl alcohol	2-Propen-1-ol	C3H6O	9.63	Yes	
Allyl chloride	Allylchlorid	C3H5Cl	10.05	Yes	
Ammonia	Ammoniak	NH3	10.18	Yes	11.2
Ammonium chloride	Ammoniumchlorid	NH4Cl	10.1	Yes	
Amyl acetate, n-	1-n-Butoxy-2,3-	C7H14O2	9.9	Yes	

	epoxypropan				
Amyl alcohol	Amylalkohol	C5H12O	10	Yes	
Aniline	Anilin	C6H7N	7.7	Yes	
Anisole	Anisol	C7H8O	8.21	Yes	
Arsine	Arsenwasserstoff	AsH3	9.89	Yes	
Asphalt, petroleum fumes			9	Yes	
Benzaldehyde	Benzaldehy	C7H6O	9.49	Yes	
Benzene	Benzol	C6H6	9.24	Yes	0.5
Benzenethiol	Phenylmercaptan	C6H5SH	8.32	Yes	
Benzonitrile	Sacchain	C7H5N	9.62	Yes	
Benzyl alcohol	Benzylalkohol	C7H8O	8.26	Yes	
Benzyl chloride	Benzylchlorid	C7H7Cl	9.14	Yes	
Benzyl formate		C8H8O2	9.32	Yes	
Biphenyl	Bibphenyl	C12H10	8.23	Yes	
Bis(2,3-epoxypropyl) ether		C6H10O3	9	Yes	
Bis(2-ethylhexyl)phthalate		C24H38O4		No	
Boron trifluoride	Bortrifluorid	BF3	15.5	No	
Bromine	Brom	Br2	10.55	Yes	
Bromine pentafluoride	Brompentafluorid	BrF5	13.17	No	
Bromobenzene	Brombenzol	C6H5Br	8.98	Yes	
Bromochloromethane	Bromchlormethan	CH2ClBr	10.77	Yes	
Bromoethane	Ethylbromid	C2H5Br	10.29	Yes	
Bromoethyl methyl ether, 2-		C3H7OBr	10	Yes	
Bromoform	Bromoform	CHBr3	10.48	Yes	
Bromopropane, 1-	1-Brompropan	C3H7Br	10.18	Yes	
Bromotrifluoromethane	Trifluorbrommethan	CF3Br	11.78	No	
Butadiene	Butadien	C4H6	9.07	Yes	0.9
Butadiene diepoxide, 1,3-		C4H6O2	10	Yes	
Butane, n-	Butan	C4H10	10.63	Yes	
Butanol, 1-	1-Butanol	C4H10O	10.04	Yes	
Buten-3-ol, 1-	3-Buten-1-ol	C4H8O		Yes	
Butene, 1-	1-Buten	C4H8	9.58	Yes	
Butoxyethanol, 2-	2-Butoxyethanol	C6H14O2	10	Yes	
Butyl acetate, n-	Iso-Butylacetat	C6H12O2	10	Yes	
Butyl acrylate, n-	n-Butylacrylat	C7H12O2	9	Yes	
Butyl lactate	n-Butyllactat	C7H14O3	9	Yes	
Butyl mercaptan	1-Butylmercaptan	C4H10S	9.15	Yes	
Butylamine, 2-	1-Aminobutan	C4H11N		Yes	
Butylamine, n-	n-Aminobutan	C4H11N	8.71	Yes	
Camphene	Camphechlor	C10H16		Yes	
Carbon dioxide	Kohlenstoffdioxid	CO2	13.77	No	
Carbon disulfide	Schwefelkohlenstoff	CS2	10.08	Yes	
Carbon monoxide	Kohlenstoffmonoxid	CO	14.01	No	

Carbon tetrabromide	Tetrabromkohlenstoff	CBr4	10.31	Yes	
Carbon tetrachloride	Tetrachlorkohlenstoff	CCl4	11.47	No	
Carbonyl sulphide		COS	11.18	No	
Carvone, R-	Thymol	C10H14O		No	
Chlorine	Chlor	Cl2	11.48	No	
Chlorine dioxide	Chlordioxid	ClO2	10.36	Yes	
Chlorine trifluoride	Chlortrifluorid	ClF3	13	No	
Chloro-1,1,1,2-tetrafluoroethane, 2-		C2HClF4	11	No	
Chloro-1,1,1-trifluoroethane, 2-		C2H2ClF3	11	No	
Chloro-1,1,2,2-tetrafluoroethane, 1-		C2HClF4	11	No	
Chloro-1,1,2-trifluoroethane, 1-		C2H2ClF3	11	No	
Chloro-1,1-difluoroethane, 1-		C2H3ClF2	12	No	
Chloro-1,1-difluoroethane, 1-		C2H3ClF2	11	No	
Chloro-1,1-difluoroethane, 2-		C2H3ClF2	11	No	
Chloro-1,2,2-trifluoroethane, 1-		C2H2ClF3	11	No	
Chloro-1,3-butadiene, 2-	2-Chloropren	C4H5Cl	8.79	Yes	
Chloro-1-fluoroethane, 1-		C2H4ClF		No	
Chloro-2-fluoroethane, 1-		C2H4ClF		No	
Chloroacetaldehyde	Chloracetaldehyd	C2H3OCl	10.61	No	
Chlorobenzene	Chlorbenzol	C6H5Cl	9.07	Yes	0.4
Chlorodifluoromethane	Chlordifluormethan	CHClF2	12.45	No	
Chloroethane	Chlorethan	C2H5Cl	10.97	No	
Chloroethanol 2-		C2H5ClO	10.9	No	
Chloroethyl methyl ether, 2-		C3H7ClO	9	Yes	
Chlorofluoromethane	Dichlorfluormethan	CH2ClF	11.71	No	
Chloroform	Chloroform	CHCl3	11.42	No	
Chloromethane	Chlormethan	CH3Cl	11.28	No	
Chloropentafluoroethane	Chlorpentafluorethan	C2ClF5	12.96	No	
Chlorotoluene, o-	o-Chlortouol	C7H7Cl	8.83	Yes	
Chlorotoluene, p-	p-Chlortouol	C7H7Cl	8.69	Yes	
Chlorotrifluoroethylene	Chlorfluortriethylen	C2ClF3	9.81	Yes	
Chlorotrifluoromethane	Chlortrifluormethan	CClF3	12.6	No	
Citral	Kampfer	C10H16O		No	
Citronellol	Citronellol	C10H20O		No	
Cresol, m-	m-Kresole	C7H8O	8.97	Yes	
Cresol, o-	o- Kresole	C7H8O	8.97	Yes	
Cresol, p-	p- Kresole	C7H8O	8.97	Yes	

Crotonaldehyde	Crotonaldehyd	C4H6O	9.73	Yes	
Cumene	Cumol	C9H12	8.75	Yes	
Cyanamide	Cyanamid	CH2N2	10.65	Yes	
Cyanogen bromide	Bromcyan	CNBr	11.84	No	
Cyanogen chloride	Chlorcyan	CNCl	12.49	No	
Cyclohexane	Cyclohexan	C6H12	9.86	Yes	1.4
Cyclohexanol	Cyclohexanol	C6H12O	10	Yes	
Cyclohexanone	Cyclohexanon	C6H10O	9.4	Yes	0.9
Cyclohexene	Cyclohexen	C6H10	8.95	Yes	
Cyclohexylamine	Cyclohexylamin	C6H13N	8.37	Yes	
Cyclopentane	Cyclopentan	C5H10	10.52	Yes	
Decane, n-	n-Decan	C10H22	9.65	Yes	1.3
Diacetone alcohol	4-Hydroxy-4-methylpentan-2-on	C6H12O2		Yes	
Dibenzoyl peroxide	Dibenzoylperoxid	C14H10O4		No	
Diborane	Diboran	B2H6	11.38	No	
Dibromochloromethane	Dibromchlormethan	CHBr2Cl	10.59	Yes	
Dibromodifluoromethane	Difluordibrommethan	CF2Br2	11.07	No	
Dibromoethane 1,2-	1,2-Dibromethan	C2H4Br2	9.45	Yes	
Dibromotetrafluoroethane, 1,2-		C2F4Br2	11.1	No	
Dibutyl hydrogen phosphate		HC8H18PO4		No	
Dibutyl phthalate	Dibutylphtalat	C16H22O4		No	
Dichloro-1,1,1-trifluoroethane, 2,2-		C2HCl2F3	11	No	
Dichloro-1,1-difluoroethane, 1,2-		C2H2Cl2F2	11	No	
Dichloro-1,2,2-trifluoroethane, 1,2-		C2HCl2F3	11	No	
Dichloro-1,2-difluoroethane, 1,2-		C2H2Cl2F2	11	No	
Dichloro-1-fluoroethane, 1,1-		C2H3Cl2F		No	
Dichloro-1-fluoroethane, 1,1-		C2H3Cl2F	11	No	
Dichloro-1-fluoroethane, 1,2-		C2H3Cl2F	11	No	
Dichloro-1-propene, 2,3-	2,3-Dichlor-1-propen	C3H4Cl2	10	Yes	
Dichloro-2,2-difluoroethane, 1,1-		C2H2Cl2F2		No	
Dichloroacetylene	Dichloracetylen	C2Cl2	9.9	Yes	
Dichlorobenzene o-	1,2-Dichlorbenzol	C6H4Cl2	9.06	Yes	
Dichlorodifluoromethane	Dichlordifluormethan	CCl2F2	11.75	No	
Dichloroethane 1,2-	1,2-Dichlorethan	C2H4Cl2	11.05	No	
Dichloroethane, 1,1-	1,1-Dichlorethan	C2H4Cl2	11.06	No	

Dichloroethene, 1,1-	1,1-Dichlorethen	C2H2Cl2	10	Yes	
Dichloroethene, cis-1,2-	Cis-1,2-Dichlorethen	C2H2Cl2	9.66	Yes	
Dichloroethene, trans-1,2-	Trans-1,2-Dichlorethen	C2H2Cl2	9.65	Yes	
Dichloroethylene 1,2-	1,2-Dichloroethylen	C2H2Cl2	9.65	Yes	
Dichlorofluoromethane	Dichlorfluormethan	CHFCI2	12.39	No	
Dichloromethane	Dichlormethan	CH2Cl2	11.32	No	
Dichloropropane, 1,2-	1,2- Dichlorpropan	C3H6Cl2	10.87	No	
Dichlorotetrafluoroethane, 1,1-	1,2-Dichlor-1,1,2,2-tetrafluor	C2Cl2F4	12.2	No	
Dichlorotetrafluoroethane, 1,2-	1,2-Dichlor-1,1,2,2-tetrafluorethan	C2Cl2F4	12.2	No	
Dicyclopentadiene	Dicyclopentadien	C10H12	9	Yes	
Diesel Fuel	Diesel		9	Yes	1.0
Diethyl ether	Diethylether	C4H10O	9.53	Yes	1.1
Diethyl maleate	Diethylmaleinat	C8H12O4		No	
Diethyl phthalate	Dietylphthalat	C12H14O4		No	
Diethyl sulphate	Dietylsulphat	C4H10SO4		No	
Diethyl sulphide	Dietylsulphid	C4H10S	8.43	Yes	
Diethylamine	Diethylamin	C4H11N	8.01	Yes	
Diethylaminoethanol, 2-	2-Diethylaminoethanol	C6H15ON		Yes	
Diethylaminopropylamine, 3-	3-Diethylamino-1-propylamin	C7H18N2	9	Yes	
Difluoroethane, 1,1-	1,1-Difluorethan	C2H4F2	11.87	No	
Difluoroethane, 1,2-	1,2-Difluorethan	C2H4F2	12	No	
Difluoromethane	Difluormethan	CH2F2	12.71	No	
Dihydrogen selenide		H2Se	9.88	Yes	
Diisobutyl phthalate	Diisobutylphthalat	C16H22O4		No	
Diisobutylene	Diisobutylen	C8H16		Yes	
Diisopropyl ether	Diisopropylether	C6H14O	9.2	Yes	
Diisopropylamine	Diisopropylamin	C6H15N	7.73	Yes	
Diketene		C4H4O2	9.6	Yes	
Dimethoxymethane	Dimethoxymethan	C3H8O2	9.7	Yes	
Dimethyl cyclohexane, 1,2-		C8H16		No	
Dimethyl disulphide	Dimethydisulfid	C2H6S2	7.4	Yes	
Dimethyl ether	Dimethylether	C2H6O	10.03	Yes	
Dimethyl formamide, N,N-	N,N-Dimethylformamid	C3H7NO	9.13	Yes	0.8
Dimethyl phthalate	Dimethylphthalat	C10H10O4	9.64	Yes	
Dimethyl sulphate	Dimethylsufat	C2H6O4S		No	
Dimethyl sulphide	Dimethylsulfid	C2H6S	8.69	Yes	
Dimethylacetamide N,N-	N,N-Dimethylacetamid	C4H9NO	8.81	Yes	
Dimethylamine	Dimethylamin	C2H7N	8.24	Yes	

Dimethylaminoethanol	N,N-Dimethylethanolamin	C4H11N O	9	Yes	
Dimethylaniline, NN-	N,N-Dimethylanilin	C8H11N	9	Yes	
Dimethylbutyl acetate	1,3-Dimethylbutylacetat	C8H16O2	7.74	Yes	
Dimethylethylamine, NN-	N,N-Dimethylethylamin	C4H11N	9	Yes	
Dimethylformamide	N,N-Dimethylformamid	C3H7NO	9.13	Yes	
Dimethylheptan-4-one, 2,6-	2,6-Dimethylheptan-4-1	C9H18O	9.04	Yes	
Dimethylhydrazine, 1,1-	1,1-Dimethylhydrazin	C2H8N2	8.05	Yes	
Dinitrobenzene, m-	m-Dinitrobenzol	C6H4N2 O4	10.43	Yes	
Dinitrobenzene, o-	o-Dinitrobenzol	C6H4N2 O4	10.71	No	
Dinitrobenzene, p-	p- Dinitrobenzol	C6H4N2 O4	10.5	Yes	
Dinonyl phthalate	Dinoylphthalat	C26H42O 4	9.19	Yes	
Dioxane 1,2-	1,2-Dioxan	C4H8O2		Yes	
Dioxane 1,4-	1,4- Dioxan	C4H8O2	9.13	Yes	1.2
Diphenyl ether	Diphenylether	C12H10O	8.09	Yes	
Diphenylamine	Diphenylamin	C12H11N	7.4	Yes	
Disulfur decafluoride	Schwefelpentafluorid	S2F10		No	
Disulphur dichloride	Dischwefeldichlorid	S2Cl2		No	
Di-tert-butyl-p-cresol	2,6-Di-tert-butyl-p-cresol	C11H16O		No	
Divinylbenzene	Divinylbenzol	C10H10	9	Yes	
Enflurane	Enfluran	C4H2F5C IO		No	
Epichlorohydrin	Epichlorhydrin	C3H5ClO	10.2	Yes	
Epoxypropyl isopropyl ether, 2,3-	Iso-Propylglycidylether	C6H12O2		Yes	
Ethane	Ethan	C2H6	11.52	No	
Ethanol	Ethanol	C2H6O	10.43	Yes	13.3
Ethanolamine	Ethanolamin	C2H7NO	10.47	Yes	
Ethoxyethanol, 2-	2-Ethoxyethanol	C4H10O2	9.6	Yes	
Ethoxyethyl acetate, 2-	2-Methoxyethylacetat	C6H12O3		No	
Ethyl (S)-(-)-lactate	(S)-(-)-Ethyllactat	C5H10O3	10	Yes	
Ethyl acetate	Ethylacetat	C4H8O2	10.01	Yes	5.1
Ethyl acrylate	Ethylacrylat	C5H8O2	10.3	Yes	
Ethyl amine	Ethylamin	C2H7N	8.86	Yes	
Ethyl benzene	Ethylbenzol	C8H10	8.76	Yes	
Ethyl butyrate	Iso-Propylglycidylether	C6H12O2		Yes	
Ethyl chloroformate	Ethyl-chlorformiat	C3H5O2 Cl	10.64	Yes	
Ethyl cyanoacrylate		C6H7O2 N		No	
Ethyl decanoate	Ethyldeconat	C12H24O 2		No	
Ethyl formate	Ethylformiat	C3H6O2	10.61	Yes	

Ethyl hexanoate	Ethylhexanoat	C8H16O2		No	
Ethyl hexyl acrylate, 2-	(2-Ethylhexyl)-acrylat	C11H20O 2	9	Yes	
Ethyl mercaptan	Ethylmercaptan	C2H6S	9.29	Yes	
Ethyl octanoate	Ethyl octanoat	C10H20O 2		No	
Ethylene	Ethylen	C2H4	10.51	Yes	10.1
Ethylene dinitrate		C2H4O6 N2		No	
Ethylene glycol	Etylenglykol	C2H6O2	10.16	Yes	
Ethylene oxide	Ethylenoxid	C2H4O	10.56	Yes	
Ferrocene	Ferrocen	C10H10F e	6.88	Yes	
Fluorine	Fluor	F2	15.697	No	
Fluoroethane	Fluorethan	C2H5F	11.78	No	
Fluoromethane	Fluormethan	CH3F	12.47	No	
Formaldehyde	Formaldehyd	CH2O	10.87	No	
Formamide	Formamid	CH3ON	10.2	Yes	
Formic acid	Ameiesnsäure	CH2O2	11.05	No	
Furfural	Furfurol	C5H4O2	9.21	Yes	
Furfuryl alcohol	Furfurylalkohol	C5H6O2	9.5	Yes	
Gasoline vapors				Yes	0.7
Gasoline vapors 92 octane				Yes	0.7
Germane	Germaniumwasserstoff	GeH4	11.34	No	
Glutaraldehyde	Glutaraldehyd	C5H8O2	9	Yes	
Glycerol, mist	Glycerin	C3H8O3		No	
Glycerol, trinitrate		C3H5O9 N3		No	
Helium	Helium	He	24.58741	No	
Halothane	2-Brom-2-chlor-1,1,1-trifluorethan	CF3CHBr Cl	11	No	
Heptan-2-one	4-Heptanon	C7H14O	9.33	Yes	0.9
Heptan-3-one	4-Heptanon	C7H14O	9.02	Yes	
Heptane n-	n-Heptan	C7H16	9.92	Yes	3.0
Hexachloroethane	Hexachlorethan	C2Cl6	11.22	No	
Hexafluoroethane	Hexafluorethan	C2F6	13.6	No	
Hexamethyldisilazane, 1,1,1,3,3,3-	1,1,1,3,3,3-Hexamethyldisilazan	C6H19N Si2	8.6	Yes	
Hexan-1-ol	1-Hexanol	C6H14O	9.89	Yes	2.3
Hexan-2-one	2-Hexanon	C6H12O	9.34	Yes	0.9
Hexane n-	n-Hexan	C6H14	10.13	Yes	4.3
Hexene, 1-	1-Hexen	C6H12	9.44	Yes	
Hydrazine	Hydrazin	H4N2	8.93	Yes	
Hydrazoic acid		HN3	10.72	No	
Hydrogen	Wasserstoff	H2	15.43	No	
Hydrogen bromide	Bromwasserstoff	HBr	11.62	No	

Hydrogen chloride	Chlorwasserstoff	HCl	12.74	No	
Hydrogen cyanide	Blausäure	HCN	13.6	No	
Hydrogen fluoride	Fluorwasserstoff	HF	15.98	No	
Hydrogen peroxide	Wasserstoffperoxid	H2O2	10.54	Yes	
Hydrogen sulfide	Schwefelwasserstoff	H2S	10.46	Yes	3.3
Hydroquinone	1,4-Dihydroxybenzol	C6H6O2	7.94	Yes	
Hydroxypropyl acrylate 2-	2-Hydroxypropylacrylat	C6H10O3	9	Yes	
Iminodi(ethylamine) 2,2-	N-Methyl-2,2-iminodiethanol	C4H13N3	9	Yes	
Iminodiethanol 2,2'-	Diethanolamin	C4H11N O2	9	Yes	
Indene	Inden (95-13-6)	C9H8	8.81	Yes	
Iodine	Iod	I2	9.31	Yes	
iodoform	Iodoform	CHI3	9.25	Yes	
iodomethane	Iodmethan	CH3I	9.54	Yes	
Isoamyl acetate	Isoamylacetat	C7H14O2	10	Yes	
isobutane	2-Metylpropan	C4H10	10.57	Yes	
isobutanol	2-Metyl-1-propanol	C4H10O	10.12	Yes	
isobutyl acetate	Iso-Butylacetat	C6H12O2	9.9	Yes	
isobutyl acrylate	Iso-Butylacrylat	C7H12O2		Yes	
Isobutylene	Isobuthylen	C4H8	9.24	Yes	1.0
isobutyraldehyde	isobutyraldehyd	C4H8O	9	Yes	
Isocyanates, all				No	
Isoflurane		C3H2CIF 5O	11.7	No	
Isooctane (Naphtha)	Isooctan	C8H18	9.86	Yes	1.1
Isooctyl alcohol		C8H18O	9	Yes	
Isopentane	isopentan	C5H12	10.32	Yes	
Isophorone	3,5,5-Trimethyl-2-cyclohexen-1-on	C9H14O	9.07	Yes	
Isoprene	Isopren	C5H8	8.85	Yes	
Isopropanol	2-Propanol	C3H8O	10.17	Yes	5.9
Isopropyl acetate	Isopropylacetat	C5H10O2	9.99	Yes	
Isopropyl chloroformate		C4H7O2 Cl		Yes	
Jet Fuel JP-4			9	Yes	
Jet Fuel JP-5			9	Yes	
Jet Fuel JP-8			9	Yes	0.6
Kerosene	Kerosin		9	Yes	1.1
Ketene	Keten	C2H2O	9.617	Yes	
Liquefied petroleum gas			10.95	No	
Maleic anhydride	Maleinsäureanhydrid	C4H2O3	9.9	Yes	
Mercaptoacetic acid	Thioglykolsäure	C2H4O2 S		No	
Mercury	Quecksilber	Hg		No	

Mercury alkyls					No	
Mesitylene	1,3,5-Trimethylbenzol	C9H12	8.41		Yes	
Methacrylic acid	Metacrylsäure	C4H6O2	10.15		Yes	
Methacrylonitrile	Methacrylnitril	C4H5N	10.34		Yes	
Methane	Methan	CH4	12.51		No	
Methanol	Methanol	CH4O	10.85		No	146.8
Methoxyethanol, 2-	2-Methoxyethanol	C3H8O2	9.6		Yes	
Methoxyethoxyethanol, 2-		C5H12O3	10		Yes	
Methoxymethylethoxy-2-propanol		C6H14O3	9		Yes	
Methoxypropan-2-ol	1-Methoxy-2-propanol	C4H10O2	9		Yes	
Methoxypropyl acetate		C6H12O3	9		Yes	
Methyl acetate	Methylacetat	C3H6O2	10.27		Yes	
Methyl acrylate	Methylacrylat	C4H6O2	9.9		Yes	
Methyl bromide	Methylbromid	CH3Br	10.54		Yes	
Methyl cyanoacrylate	Cyanacrylsäuremethylester	C5H5O2N			No	
Methyl ethyl ketone	Methylethylketon	C4H8O	9.51		Yes	0.9
Methyl ethyl ketone peroxides		C8H18O2			No	
Methyl formate	Methylformiat	C2H4O2	10.82		No	
Methyl isobutyl ketone (MIBK)	Metylisobutylketon	C6H12O	9.3		Yes	0.8
Methyl isocyanate	Methylisocyanat	C2H3NO	10.67		No	
Methyl isothiocyanate	Methylisothiocyanat	C2H3NS	9.25		Yes	
Methyl mercaptan	Methylmercapatan	CH4S	9.44		Yes	
Methyl methacrylate	Methylmethacrylat	C5H8O2	9.7		Yes	
4-Methyl pentan-2-one	4-Metyl-2-pentanon	C6H12O	9.3		Yes	0.8
Methyl propyl ketone	Methylpropylketon	C5H10O	9.39		Yes	
Methyl salicylate	Methylsalicylat	C8H8O3	9		Yes	
Methyl sulphide	Dimethylsulfid	C2H6S	8.69		Yes	
Methyl t-butyl ether	Tert-Butylmethylether	C5H12O	9.24		Yes	0.8
Methyl-2-propen-1-ol, 2-		C4H8O			Yes	
Methyl-2-pyrrolidinone, N-	1-Methyl-2-pyrrolidon	C5H9NO	9.17		Yes	
Methyl-4,6-dinitrophenol, 2-		C7H6N2O5			No	
Methyl-5-hepten-2-one, 6-	6-Methyl-5-hepten-2-on	C8H14O			Yes	
Methylamine	Methylamin	CH5N	8.97		Yes	
Methylbutan-1-ol, 3-	3-Methyl-2-butanol	C5H12O	9.8		Yes	
Methylcyclohexane	Methylcyclohexan	C7H14	9.85		Yes	
Methylcyclohexanol, 4-	Methylcyclohexanol	C7H14O	9.8		Yes	
Methylcyclohexanone 2-	1-Methylcyclohexan-2-on	C7H12O	9		Yes	
Methylheptan-3-one, 5-	5-Methyl-3-heptanon	C8H16O			Yes	
Methylhexan-2-one, 5-	5-Methyl-2-hexanon	C7H14O	9.28		Yes	
Methylhydrazine	N-Methylhydrazin	CH6N2	8		Yes	

Methyl-N-2,4, 6-tetranitroaniline, N-		C7H5N5 O8	9	Yes	
Methylpent-3-en-2-one, 4-	4-Methyl-3-penten-2-on	C6H10O	9	Yes	
Methylpentan-2-ol, 4-	4-Methyl-2-pentanol	C6H14O	9	Yes	
Methylpentane-2,4-diol, 2-	2-Methyl-2,4-pentandiol	C6H14O2	9	Yes	
Methylpropan-2-ol, 2-		C4H10O	9.7	Yes	
Methylstyrene	Methylstyrol	C9H10	8.2	Yes	
Mineral oil	Rohöl			No	
Mineral spirits			9	Yes	
Naphtha (iso-octane)	Naphtha	C8H18	9.86	Yes	1.1
Naphthalene	Naphtalin	C10H8	8.14	Yes	
Nitric oxide	Nitrose Gase	NO	9.27	Yes	
Nitroaniline 4-	4-Nitroanilin	C6H6N2 O2	8.85	Yes	
Nitrobenzene	Nitrobenzol	C6H5NO 2	9.92	Yes	
Nitroethane	Nitroathan	C2H5NO 2	10.88	No	
Nitrogen dioxide	Stickstoffdioxid	NO2	9.75	Yes	
Nitrogen trichloride		NCI3	10.22	Yes	
Nitrogen trifluoride	Stickstofftrifluorid	NF3	12.97	No	
Nitromethane	Nitromethan	CH3NO2	11.08	No	
Nitropropane, 1-	1-Nitropropan	C3H7NO 2	10.81	No	
Nitropropane, 2-	2-Nitropropan	C3H7NO 2	10.71	No	
Nitrous oxide	Lachgas	N2O	12.886	No	
Nonane, n-	n-Nonan	C9H20	9.72	Yes	1.5
Norbornadiene, 2,5-	2,5-Norbornadien	C7H8		No	
Octachloronaphthalene	Octachlornaphthalin	C10Cl8		No	
Octane, n-	n-Octan	C8H18	9.8	Yes	1.7
Octene, 1-	1-Octan	C8H16		Yes	
Oxalic acid	Oxalsäure	C2H2O4		No	
Oxalonitrile	Oxalsäuredinitril	C2N2	13.57	No	
Oxydiethanol 2,2-		C4H10O3		Yes	
Oxygen	Sauerstoff	O2	12.0697	No	
Ozone	Ozon	O3	12.52	No	
Paraffin wax, fume				No	
Pentacarbonyl iron		FeC5O5		No	
Pentachloroethane	Pentachlorethan	C2HCl5	11.28	No	
Pentachlorofluoroethane	Pentachlorfluorethan	C2Cl5F		No	
Pentafluoroethane	Pentafluorethan	C2HF5		No	
Pentan-2-one	3-Pentanon	C5H10O	9.38	Yes	
Pentan-3-one	3-Pentanon	C5H10O	9.31	Yes	
Pentandione, 2,4-	2,4-Pentandion	C5H8O2	8.85	Yes	
Pentane, n-	n-Pentan	C5H12	10.35	Yes	10.5

Peracetic acid	Glycolsäure	C2H4O3		No	
Perchloryl fluoride	Perchlorylfluorid	ClO3F	13.6	No	
Perfluoropropane	Perfluorpropan	C3F8	13.38	No	
Phenol	Phenol	C6H6O	8.51	Yes	
Phenyl propene, 2-		C9H10	8.35	Yes	
Phenyl-2,3-epoxypropyl ether	2,3-Epoxypropylphenylether	C9H10O2	9	Yes	
Phenylenediamine, p-	p-Phenylendiamin	C6H8N2	6.89	Yes	
Phorate (ISO)	Phorat (ISO)	C7H17O2S3P		No	
Phosgene	Phosgen	COCl2	11.55	No	
Phosphine	Phosphorwasserstoff	PH3	9.96	Yes	
Picoline, 3-		C6H7N	9.04	Yes	
Picric acid	2,4,6-Trinitrophenol	C6H3N3O7	9	Yes	
Pinene, alpha	Terpentinöl	C10H16	8.07	Yes	0.37
Pinene, beta	Terpentinöl	C10H16	8	Yes	
Piperidine	Piperidin	C5H11N	9	Yes	
Piperylene	Isopren	C5H8	8.6	Yes	
Prop-2-yn-1-ol	2-Propin-1-ol	C3H4O	9	Yes	
Propan-1-ol	n-Propanol	C3H8O	10.2	Yes	
Propane	Propan	C3H8	11.07	No	
Propane-1,2-diol, total	1,2-Propandiol	C3H8O2		Yes	
Propene	Propen	C3H6	9.73	Yes	
Propionaldehyde	1,2-Epoxypropan	C3H6O	9.95	Yes	
Propionic acid	Propinsäure	C3H6O2	10.24	Yes	
Propranolol		C16H21O2N		No	
Propyl acetate, n-	n-Propylacetat	C5H10O2	10.04	Yes	
Propylene dinitrate	1,2-Propylenglykoldinitrat	C3H6N2O6		No	
Propylene oxide	1,2-Epoxypropan	C3H6O	10.22	Yes	
Propyleneimine	Propylenimin	C3H7N	9	Yes	
Pyridine	Pyridin	C5H5N	9.25	Yes	
Pyridylamine 2-	2-Aminopyridin	C5H6N2	9	Yes	
Pyrocatechol	1,2-Dihydroxybenzol	C6H6O2	9	Yes	
Resorcinol	Diglycidylresorcinether	C6H6O2	8.63	Yes	
Silane	Silan	SiH4		No	
Sodium fluoroacetate	Natriumfluoracetat	C2H2O2FNa		No	
Styrene	Styrol	C8H8	8.4	Yes	0.46
Sulphur dioxide	Schwefeldioxid	SO2	12.3	No	
Sulphur hexafluoride	Schwefelhexafluorid	SF6	19.3	No	
Sulphur tetrafluoride	Schwefeltetrafluorid	SF4	12.63	No	
Sulphuric acid	Schwefelsäure	H2SO4		No	

Sulphuryl fluoride	Sulfurylfluorid	SO2F2	13.04	No	
T, 2,4,5- (ISO)		C8H5O3 Cl3		No	
Terphenyls	Terphenyl	C18H14		No	
Terpinolene	Terpentinöl	C10H16		Yes	
Tert-butanol	Tert-Butanol	C4H10O		Yes	
Tetrabromoethane, 1,1,2,2-	1,1,2,2-Tetrabromethan	C2H2Br4		Yes	
Tetracarbonylnickel		NiC4O4	8.28	Yes	
Tetrachloro-1,2-difluoroethane, 1,1,2,2-	1,1,2,2-Tetrachlor-2,2-difluorethan	C2Cl4F2	11.3	No	
Tetrachloro-1-fluoroethane, 1,1,2,2-		C2HCl4F	11	No	
Tetrachloro-2,2-difluoroethane, 1,1,1,2-		C2Cl4F2		No	
Tetrachloro-2-fluoroethane, 1,1,1,2-		C2HCl4F	11	No	
Tetrachloroethane, 1,1,1,2-	1,1,2,2-Tetrachlorethan	C2H2Cl4	11.1	No	
Tetrachloroethane, 1,1,2,2-	1,1,2,2-Tetrachlorethan	C2H2Cl4	11.1	No	
Tetrachloroethylene	Percloroethylen	C2Cl4	9.326	Yes	0.52
Tetrachloronaphthalenes, all isomers		C10H4Cl4	9	Yes	
Tetraethyl orthosilicate	Tetraethylsilikat	C8H20O4 Si	9.8	Yes	
Tetraethyllead		C8H20Pb	11.1	No	
Tetrafluoroethane, 1,1,1,2-	1,1,2,2-Tetrafluorethan	C2H2F4		No	
Tetrafluoroethane, 1,1,2,2-	1,1,2,2-Tetrafluorethan	C2H2F4		No	
Tetrafluoroethylene	Tetrafluorethylen	C2F4	10.12	Yes	
Tetrafluoromethane	Tetrafluormethan	CF4	15.3	No	
Tetrahydrofuran	Tetrahydrofuran	C4H8O	9.41	Yes	
Tetramethyl orthosilicate	Methylsilikat	C4H12O4 Si	9.8	No	
Tetramethyl succinonitrile	Tetramethylsuccinnitril	C8H12N2		No	
Therminol	Toluol	C7H8		Yes	
Thionyl chloride	Thionilchlorid	SOCl2		No	
Toluene	Toluol	C7H8	8.82	Yes	0.53
Toluene-2,4-diisocyanate	2,4-Toluylendiisocyanat	C9H6N2 O2	8.82	Yes	
Toluenesulphonyl chloride, p-	Toluol-4-sulfonylchlorid	C7H7SO 2Cl		No	
Tributyl phosphate	Tributylphosphat	C12H27O 4P		No	
Tributylamine	Tributylamin	C12H27N		Yes	
Trichloro-1,1-difluoroethane, 1,2,2-		C2HCl3F 2	11	No	
Trichloro-1,2-difluoroethane, 1,1,2-		C2HCl3F 2	11	No	
Trichloro-2,2-difluoroethane, 1,1,1-		C2HCl3F 2	11	No	
Trichloro-2-fluoroethane,		C2H2Cl3	11	No	

		F			
1,1,2-					
Trichlorobenzene 1,2,4-	1,2,4-Trichlorbenzol	C6H3Cl3	9.04	Yes	
Trichloroethane, 1,1,1-	1,1,1-Trichlorethan	C2H3Cl3	11	No	
Trichloroethane, 1,1,2-	1,1,2-Trichlorethan	C2H3Cl3	11	No	
Trichloroethylene	Trichlorethylen	C2HCl3	9.45	Yes	0.53
Trichlorofluoromethane	Trichlorfluormethan	CCl3F	11.77	No	
Trichloronitromethane	Trichlornitromethan	CCl3NO2		No	
Trichloropropane 1,2,3-	1,2,3-Trichlorpropan	C3H5Cl3		No	
Trichlorotrifluoroethane, 1,1,1-	1,1,1-Trichlortrifluormethan	C2Cl3F3	11.5	No	
Trichlorotrifluoroethane, 1,1,2-	1,1,2-Trichlorfluorethan	C2Cl3F3	11.99	No	
Triethylamine	Triethylamin	C6H15N	7.5	Yes	
Trifluoroethane, 1,1,1-	1,1,1-Trifluorethan	C2H3F3	12.9	No	
Trifluoroethane, 1,1,2-	1,1,2-Trifluorethan	C2H3F3	12.9	No	
Trifluoroethanol, 2,2,2-	2,2,2-Trifluorethanol	C2H3F3 O		No	
Trifluoromethane	Trifluormethan	CHF3	13.86	No	
Trimethylamine	Trymethylamin	C3H9N	7.82	Yes	
Trimethylbenzene mixtures	1,2,3-Trimethylbenzol	C9H12	8.41	Yes	
Trimethylbenzene, 1,3,5-	1,3,5-Trimethylbenzol	C9H12	8.39	Yes	
Trinitrotoluene 2,4,6-	2,4,6-Trinitrotoluol	C7H5N3 O6	10.59	Yes	
Turpentine	Terpentinöl	C10H16	8	Yes	0.45
TVOC	TVOC			Yes	
Undecane, n-	n-Undecan	C11H24	9.56	Yes	
Vinyl acetate	Vinylacetat	C4H6O2	9.19	Yes	
Vinyl bromide	Vinylbromid	C2H3Br	9.8	Yes	
Vinyl chloride	Vinylchlorid	C2H3Cl	9.99	Yes	2.0
Vinyl-2-pyrrolidinone, 1-	1-Vinyl-2-pyrrolidon	C6H9NO		Yes	
Xylene mixed isomers	Xylol(Isomerengemisch)	C8H10	8.56	Yes	0.48
Xylene, m-	m-Xylol	C8H10	8.56	Yes	
Xylene, o-	o-Xylol	C8H10	8.56	Yes	
Xylene, p-	p-Xylol	C8H10	8.44	Yes	
Xylidine, all	N-Ethylanilin	C8H11N	7.5	Yes	

Erstellt von Fa. FABBS e. K. (11/2010), alle Angaben ohne Gewähr!