

| Name                                      | Brutto-<br>formula                              |
|---|---|
| Acetaldehyde                              | C <sub>2</sub> H <sub>4</sub> O                 |
| Acetic acid                               | C <sub>2</sub> H <sub>4</sub> O <sub>2</sub>    |
| Acetic anhydride                          | C <sub>4</sub> H <sub>6</sub> O <sub>3</sub>    |
| Acetone                                   | C <sub>3</sub> H <sub>6</sub> O                 |
| Acetonitrile                              | C <sub>2</sub> H <sub>3</sub> N                 |
| Acetylene                                 | C <sub>2</sub> H <sub>2</sub>                   |
| Acrolein                                  | C <sub>3</sub> H <sub>4</sub> O                 |
| Acrylonitrile                             | C <sub>3</sub> H <sub>3</sub> N                 |
| Allyl chloride                            | C <sub>3</sub> H <sub>5</sub> Cl                |
| Ammonia                                   | NH <sub>3</sub>                                 |
| Aniline                                   | C <sub>6</sub> H <sub>7</sub> N                 |
| Arsine                                    | AsH <sub>3</sub>                                |
| Benzaldehyde                              | C <sub>7</sub> H <sub>6</sub> O                 |
| Benzene                                   | C <sub>6</sub> H <sub>6</sub>                   |
| Benzyl chloride / <i>a</i> -Chlorotoluene | C <sub>7</sub> H <sub>7</sub> Cl                |
| Biphenyl                                  | C <sub>12</sub> H <sub>10</sub>                 |
| Boron trifluoride                         | BF <sub>3</sub>                                 |
| Bromoform / Tribromomethane               | CHBr <sub>3</sub>                               |
| Bromomethane                              | CH <sub>3</sub> Br                              |
| 1,3-Butadiene                             | C <sub>4</sub> H <sub>6</sub>                   |
| Butane                                    | C <sub>4</sub> H <sub>10</sub>                  |
| Butane-2,3-dione                          | C <sub>4</sub> H <sub>6</sub> O <sub>2</sub>    |
| Butanethiol / Butyl mercaptan             | C <sub>4</sub> H <sub>10</sub> S                |
| 1-Butanol                                 | C <sub>4</sub> H <sub>10</sub> O                |
| 2-Butanol                                 | C <sub>4</sub> H <sub>10</sub> O                |
| tert-Butanol / tert-Butyl alcohol         | C <sub>4</sub> H <sub>10</sub> O                |
| 2-Butanone / Methyl ethyl ketone(MEK)     | C <sub>4</sub> H <sub>8</sub> O                 |
| 2-Butenal / Crotonaldehyde                | C <sub>4</sub> H <sub>6</sub> O                 |
| 2-Butoxyethanol                           | C <sub>6</sub> H <sub>14</sub> O <sub>2</sub>   |
| n-Butyl acetate                           | C <sub>6</sub> H <sub>12</sub> O <sub>2</sub>   |
| sec-Butyl acetate                         | C <sub>6</sub> H <sub>12</sub> O <sub>2</sub>   |
| tert-Butyl acetate                        | C <sub>6</sub> H <sub>12</sub> O <sub>2</sub>   |
| Butyl acrylate                            | C <sub>7</sub> H <sub>12</sub> O <sub>2</sub>   |
| tert-Butyl alcohol / tert-Butanol         | C <sub>4</sub> H <sub>10</sub> O                |
| Butyraldehyde                             | C <sub>4</sub> H <sub>8</sub> O                 |
| Butyric acid                              | C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>    |
| Carbon dioxide                            | CO <sub>2</sub>                                 |
| Carbon disulfide                          | CS <sub>2</sub>                                 |
| Carbon monoxide                           | CO  |
| Carbonyl chloride / Phosgene              | COCl <sub>2</sub>                               |
| Carbonyl sulfide                          | COS   |
| Chlorobenzene                             | C <sub>6</sub> H <sub>5</sub> Cl                |
| 2-Chloroethyl ether                       | C <sub>4</sub> H <sub>8</sub> Cl <sub>2</sub> O |
| Chloroform                                | CHCl <sub>3</sub>                               |
| Chloromethane                             | CH <sub>3</sub> Cl                              |
| 1-Chloro-1-nitropropane                   | C <sub>3</sub> H <sub>6</sub> ClNO <sub>2</sub> |
| <i>a</i> -Chlorotoluene / Benzyl chloride | C <sub>7</sub> H <sub>7</sub> Cl                |
| <i>m</i> -Cresol / 3-Methylphenol         | C <sub>7</sub> H <sub>8</sub> O                 |
| Crotonaldehyde / 2-Butenal                | C <sub>4</sub> H <sub>6</sub> O                 |
| Cumene / Isopropylbenzene                 | C <sub>9</sub> H <sub>12</sub>                  |
| Cyanogen / Dicyan                         | C <sub>2</sub> N <sub>2</sub>                   |
| Cyanogen bromide                          | BrCN  |
| Cyanogen chloride                         | CNCl  |

| Name                                    | Bruttoformula |
|---|---------------|
| Cyclohexane                             | C6H12         |
| Cyclohexanone                           | C6H10O        |
| Cyclohexene                             | C6H10         |
| Cyclopentane                            | C5H10         |
| n-Decane                                | C10H22        |
| 1-Decene                                | C10H20        |
| Desflurane                              | C3H2F6O       |
| Deuterium oxide                         | D2O           |
| Diamine / Hydrazine                     | N2H4          |
| Diaminoethane                           | C2H8N2        |
| Diborane                                | B2H6          |
| o-Dichlorobenzene / 1,2-Dichlorobenzene | C6H4Cl2       |
| m-Dichlorobenzene / 1,3-Dichlorobenzene | C6H4Cl2       |
| p-Dichlorobenzene / 1,4-Dichlorobenzene | C6H4Cl2       |
| 1,1-Dichloroethane                      | C2H4Cl2       |
| 1,2-Dichloroethane                      | C2H4Cl2       |
| 1,1-Dichloroethene                      | C2H2Cl2       |
| 1,2-Dichloroethene (cis)                | C2H2Cl2       |
| 1,2-Dichloroethene (trans)              | C2H2Cl2       |
| Dichloromethane                         | CH2Cl2        |
| 1,1-Dichloro-1-nitroethane              | C2H3Cl2NO2    |
| 1,2-Dichloropropane                     | C3H6Cl2       |
| Diethylamine                            | C4H11N        |
| 2-(Diethylamino)-ethanol                | C6H15NO       |
| Diethylen glycol dimethyl ether         | C6H14O3       |
| Diethylen glycol butyl ether            | C8H18O3       |
| Diethylentriamin                        | C4H13N3       |
| Diethyl ether                           | C4H10O        |
| Diethyl ketone (DEK) / 3-Pentanone      | C5H10O        |
| N,N-Dimethyl acetamide                  | C4H9NO        |
| Dimethylamine (DMA)                     | C2H7N         |
| 2-(Dimethylamino)-ethanol               | C4H11NO       |
| N,N-Dimethylanilin                      | C8H11N        |
| Dimethyl disulfide                      | C2H6S2        |
| Dimethyl ester sulfuric acid (DMS)      | C2H6O4S       |
| Dimethylether                           | C2H6O         |
| Dimethylethylamine                      | C4H11N        |
| Dimethylformamide (DMF)                 | C3H7NO        |
| 2,6-Dimethyl-4-heptanone                | C9H18O        |
| 1,1-Dimethylhydrazine                   | C2H8N2        |
| Dimethylnitrosamine                     | C2H6N2O       |
| Dimethyl sulfoxide                      | C2H6OS        |
| Dimethyl sulfate                        | C2H6O4S       |
| Dimethyl sulfide                        | C2H6S         |
| Dimethyl sulfite                        | C2H6O3S       |
| Dinitrogen difluoride                   | N2F2          |
| Dinitrogen oxide / Nitrous Oxide        | N2O           |
| 1,4-Dioxane / 1,4-Diethylene oxide      | C4H8O2        |
| Diphenyl ether                          | C12H10O       |
| Dipropylnitrosamine                     | C6H14N2O      |
| Enflurane                               | C3H2ClF5O     |
| Epichlorohydrin                         | C3H5ClO       |
| Ethane                                  | C2H6          |
| Ethanethiol / Ethyl mercaptan           | C2H6S         |
| Ethanol                                 | C2H6O         |

| Name   | Brutto-formula |
|--|----------------|
| Ethanolamine   | C2H7NO         |
| Ethene   | C2H4           |
| 2-Ethoxyethanol / Cellosolve                         | C4H10O2        |
| 2-Ethoxy ethylacetate                                | C6H12O3        |
| Ethyl acetate  | C4H8O2         |
| Ethyl acrylate                                       | C5H8O2         |
| Ethylamine   | C2H7N          |
| Ethyl benzene  | C8H10          |
| Ethylene glycol / Ethanediol                         | C2H6O2         |
| Ethylene oxide                                       | C2H4O          |
| Ethyl formate  | C3H6O2         |
| 2-Ethyl-1-Hexanol                                    | C8H18O         |
| Ethylhexyl acrylate                                  | C11H20O2       |
| 5-Ethyl-2-methylpyridine                             | C8H11N         |
| Fluorobenzene  | C6H5F          |
| Formaldehyde   | CH2O           |
| Formic acid  | CH2O2          |
| Freon 11 / Trichlorofluoromethane                    | CCl3F          |
| Freon 12 / Dichlorodifluoromethane                   | CCl2F2         |
| Freon 12B2 / Dibromodifluoromethane                  | CBr2F2         |
| Freon 13 / Chlorotrifluoromethane                    | CClF3          |
| Freon 14 / Tetrafluoromethane                        | CF4            |
| Freon 21 / Dichlorofluoromethane                     | CHCl2F         |
| Freon 22 / Chlorodifluoromethane                     | CHClF2         |
| Freon 23 / Trifluoromethane                          | CHF3           |
| Freon 32 / Difluoromethane                           | CH2F2          |
| Freon 112 / 1,1,1,2,2-Tetrachloro-1,2-difluoroethane | C2Cl4F2        |
| Freon 113 / 1,1,1,2-Trichloro-1,2,2-trifluoroethane  | C2Cl3F3        |
| Freon 114 / 1,2-Dichlorotetrafluoroethane            | C2Cl2F4        |
| Freon 115 / Chloropentafluoroethane                  | C2ClF5         |
| Freon 116 / Hexafluoroethane                         | C2F6           |
| Freon 134a / Tetrafluoroethane                       | C2H2F4         |
| Freon 141b/1,1-Dichloro-1-fluoroethane               | C2H3Cl2F       |
| Freon 152 / 1,2-Difluoroethane                       | C2H4F2         |
| Freon 152a / 1,1-Difluoroethane                      | C2H4F2         |
| Freon 160 / Chloroethane                             | C2H5Cl         |
| Freon 227 / 1,1,1,2,3,3,3-Heptafluoropropane         | C3HF7          |
| Freon 1113 / Chlorotrifluoroethene                   | C2ClF3         |
| Freon 404a   |                |
| Furfural   | C5H4O2         |
| Furfuryl alcohol                                     | C5H6O2         |
| Glutaraldehyde                                       | C5H8O2         |
| Halothane  | C2HBrClF3      |
| 1,1,1,2,3,3,3-Heptafluoropropane                     | C3HF7          |
| n-Heptane  | C7H16          |
| 2-Heptanone  | C7H14O         |
| 3-Heptanone  | C7H14O         |
| Hexachloroethane                                     | C2Cl6          |
| Hexafluorobenzene                                    | C6F6           |
| Hexanal  | C6H12O         |
| n-Hexane   | C6H14          |
| Hexanoic acid  | C6H12O2        |
| Hexanol  | C6H14O         |
| 1-Hexene   | C6H12          |
| HFO-1233zd / 1-Chloro-3,3,3-trifluoropropene         | C3H2ClF3       |

| Name  | Bruttoformula |
|---|---------------|
| HFO 1234yf / 2,3,3,3-Tetrafluoropropene           | C3H2F4        |
| HFO 1234ze / trans-1,3,3,3-Tetrafluoroprop-1-ene  | C3H2F4        |
| Hydrazine / Diamine                               | N2H4          |
| Hydrogenchloride                                  | HCl           |
| Hydrogencyanide                                   | HCN           |
| Hydrogensulfide                                   | H2S           |
| 4-Hydroxy-4-methyl-2-pentanone                    | C6H12O2       |
| Isobutyl acetate / 2-Methyl-1-propyl acetate      | C6H12O2       |
| Isobutyl alcohol / 2-Methyl-1-propanol            | C4H10O        |
| Isoflurane  | C3H2ClF5O     |
| Isooctane / 2,2,4 Trimethylpentane                | C8H18         |
| Isopentane / 2-Methylbutane                       | C5H12         |
| Isopropyl acetate / 2-Propyl acetate              | C5H10O2       |
| Isopropylbenzene / Cumene                         | C9H12         |
| Limonene  | C10H16        |
| Maleic anhydride                                  | C4H2O3        |
| Methane   | CH4           |
| Methanethiol / Methyl mercaptan                   | CH4S          |
| Methanol  | CH4O          |
| 2-Methoxyethanol                                  | C3H8O2        |
| Methoxyflurane                                    | C3H4Cl2F2O    |
| 1-Methoxy-2-propanol                              | C4H10O2       |
| Methyl acetate                                    | C3H6O2        |
| Methyl acrylate                                   | C4H6O2        |
| Methylamine                                       | CH5N          |
| o-Methylanilin / o-Toluidine                      | C7H9N         |
| Methylbiphenyl                                    | C13H12        |
| 2-Methylbutadien / Isoprene                       | C5H8          |
| 3-Methyl-1-butanol / Isoamyl alcohol              | C5H12O        |
| 3-Methyl-2-butanone / Methyl isopropyl ketone     | C5H10O        |
| 3-Methylbutyl acetate / Isoamyl acetate           | C7H14O2       |
| Methyl tert-butyl ether                           | C5H12O        |
| Methyl chloroformate                              | C2H3ClO2      |
| Methylcyclohexane                                 | C7H14         |
| Methyl formate                                    | C2H4O2        |
| 4-Methyl-3-heptanone                              | C8H16O        |
| Methylhydrazine                                   | CH6N2         |
| Methyl iodide                                     | CH3I          |
| Methyl isobutyl carbinol / 4-Methyl-2-pentanol    | C6H14O        |
| Methyl isobutyl ketone(MIBK)/4-Methyl-2-pentanone | C6H12O        |
| Methyl isopropyl ketone / 3-Methyl-2-butanone     | C5H10O        |
| Methyl methacrylate                               | C5H8O2        |
| 4-Methyl-2-pentanol / Methyl isobutyl carbinol    | C6H14O        |
| 2-Methylpropane / Isobutane                       | C4H10         |
| 2-Methylpropene                                   | C4H8          |
| 1-Methyl-2-pyrrolidone / N-Methylpyrrolidone      | C5H9NO        |
| Methylsalicylate                                  | C8H8O3        |
| a-Methylstyrene                                   | C9H10         |
| 2-Methylstyrene                                   | C9H10         |
| Monomethylhydrazine                               | CH6N2         |
| Morpholine  | C4H9NO        |
| Naphthalene                                       | C10H8         |
| Nitrobenzene                                      | C6H5NO2       |
| Nitroethane                                       | C2H5NO2       |
| Nitrogentrifluoride                               | NF3           |

| Name                                      | Brutto-<br>formula |
|---|--------------------|
| Nitromethane                              | CH3NO2             |
| 1-Nitropropane                            | C3H7NO2            |
| 2-Nitropropane                            | C3H7NO2            |
| Nitrosomorpholine                         | C4H8N2O2           |
| 3-Nitrotoluene / m-Nitrotoluene           | C7H7NO2            |
| Nitrous Oxide / Dinitrogen oxide          | N2O                |
| Nonane                                    | C9H20              |
| Nonenal (Trans-2-nonenal)                 | C9H16O             |
| Novec 5110                                | C5F10O             |
| Novec 7300                                | C7H3F13O           |
| Octane                                    | C8H18              |
| 1-Octanol                                 | C8H18O             |
| 1-Octene                                  | C8H16              |
| Pentanal                                  | C5H10O             |
| Pentane                                   | C5H12              |
| 2-Pentanone                               | C5H10O             |
| n-Pentyl acetate / Amyl acetate           | C7H14O2            |
| Perfluoro-1,3-dimethylcyclohexane         | C8F16              |
| Perfluoromethylcyclohexane                | C7F14              |
| Phenol                                    | C6H6O              |
| Phenylhydrazine                           | C6H8N2             |
| 1-Phenylpropane                           | C9H12              |
| Phosgene / Carbonylchloride               | COCl2              |
| Phosphine                                 | PH3                |
| Phthalic anhydride                        | C8H4O3             |
| a-Pinene                                  | C10H16             |
| Propadiene                                | C3H4               |
| Propane                                   | C3H8               |
| 1,2-Propanediol / Propylene glycol        | C3H8O2             |
| Propanoic acid                            | C3H6O2             |
| Propanol                                  | C3H8O              |
| 2-Propanol                                | C3H8O              |
| Propene                                   | C3H6               |
| n-Propyl acetate                          | C5H10O2            |
| 2-Propyl acetate / Isopropyl acetate      | C5H10O2            |
| Propylene glycol / 1,2-Propanediol        | C3H8O2             |
| Propylene glycol monomethyl ether acetate | C6H12O3            |
| Propylene oxide                           | C3H6O              |
| Propyl nitrate                            | C3H7NO3            |
| Propyne / Methylacetylene                 | C3H4               |
| Pyridine                                  | C5H5N              |
| Selenium hexafluoride                     | SeF6               |
| Sevoflurane                               | C4H3F7O            |
| Silane                                    | SiH4               |
| Silicon tetrafluoride                     | SiF4               |
| Styrene                                   | C8H8               |
| Sulfur dioxide                            | SO2                |
| Sulfur hexafluoride                       | SF6                |
| 1,1,2,2-Tetrabromoethane                  | C2H2Br4            |
| 1,1,2,2-Tetrachloroethane                 | C2H2Cl4            |
| Tetrachloroethene                         | C2Cl4              |
| Tetrachloromethane                        | CCl4               |
| Tetraethylplumbane                        | C8H20Pb            |
| Tetrahydrofuran                           | C4H8O              |
| Tetrahydrothiophene                       | C4H8S              |

| Name   | Brutto-<br>formula  |
|--|---|
| Thionyl chloride                                   | Cl <sub>2</sub> OS  |
| Thionyl fluoride                                   | F <sub>2</sub> OS   |
| Thiophene  | C <sub>4</sub> H <sub>4</sub> S                             |
| Toluene  | C <sub>7</sub> H <sub>8</sub>                               |
| 2,4-Toluenediamine                                 | C <sub>7</sub> H <sub>10</sub> N <sub>2</sub>               |
| 2,4-Toluene diisocyanate (TDI)                     | C <sub>9</sub> H <sub>6</sub> N <sub>2</sub> O <sub>2</sub> |
| o-Toluidine / o-Methylanilin                       | C <sub>7</sub> H <sub>9</sub> N                             |
| Total Organic Carbon ref. Methane (TOC)            |   |
| Total Organic Carbon ref. Propane (TOC)            |   |
| Total Organic Carbon ref. Toluene (TOC)            |   |
| 1,2,4-Trichloro benzene                            | C <sub>6</sub> H <sub>3</sub> Cl <sub>3</sub>               |
| 1,1,1-Trichloroethane                              | C <sub>2</sub> H <sub>3</sub> Cl <sub>3</sub>               |
| 1,1,2-Trichloroethane                              | C <sub>2</sub> H <sub>3</sub> Cl <sub>3</sub>               |
| Trichloroethene                                    | C <sub>2</sub> HCl <sub>3</sub>                             |
| Trichloronitromethane / Chloropicrine              | CCl <sub>3</sub> NO <sub>2</sub>                            |
| 1,2,3-Trichloropropane                             | C <sub>3</sub> H <sub>5</sub> Cl <sub>3</sub>               |
| Triethylamine (TEA)                                | C <sub>6</sub> H <sub>15</sub> N                            |
| Trifluoromethylidid                                | CF <sub>3</sub> I   |
| Trimethylamine (TMA)                               | C <sub>3</sub> H <sub>9</sub> N                             |
| 1,2,4-Trimethylbenzene                             | C <sub>9</sub> H <sub>12</sub>                              |
| 3,5,5-Trimethyl-2-cyclohexen-1-one /<br>Isophorone | C <sub>9</sub> H <sub>14</sub> O                            |
| 1,3,5-Trioxane                                     | C <sub>3</sub> H <sub>6</sub> O <sub>3</sub>                |
| Undecane   | C <sub>11</sub> H <sub>24</sub>                             |
| Vinyl acetate                                      | C <sub>4</sub> H <sub>6</sub> O <sub>2</sub>                |
| Vinyl chloride                                     | C <sub>2</sub> H <sub>3</sub> Cl                            |
| m-Xylene   | C <sub>8</sub> H <sub>10</sub>                              |