



Delivering Science
Through Business Understanding



Sigma-Aldrich Solvent Cross-Reference Guide

| Sigma-Aldrich Grade | Sigma-Aldrich Prod. No. | Packaging | Fisher | EMD | JT Baker | Burdick & Jackson |
|---|-------------------------|----------------------------------|---------|---------|----------|-------------------|
| Acetone sigma-aldrich.com/acetone | | | | | | |
| CHROMASOLV® Plus | 650501 | Glass Bottle | A929 | AX0116 | | 010 |
| CHROMASOLV® for HPLC | 270725 | Glass Bottle, Pure-Pac™ | A949 | AX0115 | 9002 | AH010 |
| | 439126 | PVC-Coated Glass Bottle, NOWPAK™ | A949SK | AX0115P | 9002 | AH010-PC |
| ACS | 179124 | Glass Bottle, Can | A18 | AX0120 | 9006 | LP010 |
| | 320110 | PVC-Coated Glass Bottle | A18SK | AX0120P | 9006 | |
| | 673781 | Aluminum Bottle | A18S | AX0120T | 9006 | |
| Histological | 534064 | Glass Bottle, Can | A165 | AX0125 | | |
| Acetonitrile sigma-aldrich.com/acetonitrile | | | | | | |
| CHROMASOLV® LC-MS | 34967 | Glass Bottle | A955 | AX0156 | 9829 | |
| CHROMASOLV® Plus | 34998 | Glass Bottle, NOWPAK™, Pure-Pac™ | A996 | | | 015 |
| | 675415 | PVC-Coated Glass Bottle | | | | |
| CHROMASOLV® Gradient | 34851 | Glass Bottle, Pure-Pac™ | A998 | AX0142 | 9017 | |
| | 439134 | PVC-Coated Glass Bottle, NOWPAK™ | A998SK | AX0142P | 9017 | |
| Anhydrous | 271004 | Sure/Seal™, Pure-Pac™ | AC61022 | AX0143 | 9035 | AS017 |
| ACS | 360457 | Glass Bottle, Can | A21 | AX0149 | 9011 | LP014 |
| | 437557 | PVC-Coated Glass Bottle | | | | |
| 2-Butanone | | | | | | |
| CHROMASOLV® for HPLC | 34861 | Glass Bottle | | BX1673 | 9214 | 247 |
| ACS | 360473 | Glass Bottle, Can | M209 | BX1670 | 9319 | |
| | 676926 | Aluminum Bottle | M209S | | 9319 | |
| tert-Butyl methyl ether | | | | | | |
| CHROMASOLV® Plus | 650560 | Glass Bottle | | MX0826 | 9042 | 242 |
| CHROMASOLV® for HPLC | 34875 | Glass Bottle | E127 | | | |
| | 675407 | PVC-Coated Glass Bottle | | | | |
| Anhydrous | 306975 | Sure/Seal™ | AC61027 | MX0824 | | |
| ACS | 443808 | Glass Bottle, Can | | MX0819 | 9034 | |
| Chloroform (amylenes) sigma-aldrich.com/chloroform | | | | | | |
| CHROMASOLV® Plus | 650498 | Glass Bottle | C297 | CX1054 | 9174 | 049 |
| CHROMASOLV® for HPLC | 34854 | NOWPAK™ | | CX1050 | | AH049 |
| Anhydrous | 372978 | Sure/Seal™, Pure-Pac™ | AC61028 | CX1057 | | AS049 |
| ACS | 472476 | Glass Bottle | | | | LP049 |
| | 480150 | PVC-Coated Glass Bottle | | | | |
| | 676896 | Aluminum Bottle | | | | |
| Chloroform (ethanol) sigma-aldrich.com/chloroform | | | | | | |
| CHROMASOLV® Plus | 650471 | Glass Bottle | | CX1059 | 9175 | |
| CHROMASOLV® for HPLC | 366927 | Glass Bottle | C606 | CX1058 | | |
| | 439142 | PVC-Coated Glass Bottle | C606SK | CX1058P | | |
| Anhydrous | 288306 | Sure/Seal™, Pure-Pac™ | | CX1056 | | |

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|---------------------|-------------------------|-------------------------|--------|---------|----------|-------------------|
| ACS | 319988 | Glass Bottle, Can | C298 | CX1055 | 9180 | |
| | 437581 | PVC-Coated Glass Bottle | C298SK | CX1055P | 9180 | |
| | 676888 | Aluminum Bottle | C298S | CX1055T | 9180 | |

Cyclohexane

| | | | | | | |
|----------------------|--------|-----------------------|---------|--------|------|-------|
| CHROMASOLV® Plus | 650455 | Glass Bottle | | CX2286 | | 053 |
| CHROMASOLV® for HPLC | 34855 | Glass Bottle | C620 | | | |
| Anhydrous | 227048 | Sure/Seal™, Pure-Pac™ | AC61029 | CX2284 | | AS053 |
| ACS | 179191 | Glass Bottle, Can | C556 | CX2290 | 9206 | |
| | 676861 | Aluminum Bottle | | CX2290 | 9206 | |

Cyclopentyl methyl ether

| | | | | | | |
|--------------|--------|--------------|--|--|--|--|
| Anhydrous | 675970 | Sure/Seal™ | | | | |
| ReagentPlus® | 675989 | Glass Bottle | | | | |

Dichloromethane (Amylene) sigma-aldrich.com/dichloromethane

| | | | | | | |
|----------------------|--------|-------------------------|---------|---------|------|-------|
| CHROMASOLV® Plus | 650463 | Glass Bottle | D151 | DX0831 | 9315 | 299 |
| CHROMASOLV® for HPLC | 34856 | Glass Bottle, Pure-Pac™ | D143 | DX0838 | | |
| | 439223 | PVC-Coated Glass Bottle | D143SK | DX0838P | | |
| Anhydrous | 270997 | Sure/Seal™, Pure-Pac™ | AC61030 | DX0834 | 9295 | AS299 |
| ACS | D65100 | Glass Bottle, Can | D37 | DX0835 | 9324 | LP300 |
| | 320269 | PVC-Coated Glass Bottle | D37SK | DX0835P | 9324 | |
| | 676853 | Aluminum Bottle | | DX0835 | 9324 | |

Diethyl ether

| | | | | | | |
|----------------------|--------|-----------------------|------|--------|------|-----|
| CHROMASOLV® for HPLC | 309966 | Sure/Seal™ | | EX0182 | | 107 |
| Anhydrous (BHT) | 296082 | Sure/Seal™, Pure-Pac™ | | EX0194 | | |
| ACS, Anhydrous (BHT) | 346136 | Sure/Seal™ | | | | |
| | 673811 | Aluminum Bottle | E138 | EX190 | 9244 | |
| ACS (ethanol & BHT) | 472492 | Sure/Seal™ | | | | |
| | 676845 | Aluminum Bottle | | | 9240 | |

N,N-Dimethylformamide

| | | | | | | |
|------------------|--------|-------------------------|---------|---------|------|-------|
| CHROMASOLV® Plus | 270547 | Glass Bottle | | DX1726 | | 076 |
| | 648531 | PVC-Coated Glass Bottle | | DX1726P | | |
| Anhydrous | 227056 | Sure/Seal™, Pure-Pac™ | AC61032 | DX1727 | 9213 | AS076 |
| ACS | 319937 | Glass Bottle, Can | D119 | DX1730 | 9221 | |
| | 437573 | PVC-Coated Glass Bottle | | | 9221 | |

Dimethyl sulfoxide sigma-aldrich.com/dimethylsulfoxide

| | | | | | | |
|------------------|--------|-----------------------|---------|--------|--|--|
| CHROMASOLV® Plus | 34869 | Glass Bottle, NOWPAK™ | | MX1456 | | |
| Anhydrous | 276855 | Sure/Seal™, Pure-Pac™ | AC61042 | MX1457 | | |
| ACS | 472301 | Glass Bottle | D128 | MX1458 | | |

Ethyl acetate sigma-aldrich.com/ethylacetate

| | | | | | | |
|----------------------|--------|----------------------------------|---------|---------|------|----------|
| CHROMASOLV® LC-MS | 34972 | Glass Bottle | | | 9828 | |
| CHROMASOLV® Plus | 650528 | Glass Bottle | E196 | EX0241 | 9282 | 100 |
| CHROMASOLV® for HPLC | 34858 | Glass Bottle, Pure-Pac™ | E195 | EX0245 | | AH100 |
| | 439169 | PVC-Coated Glass Bottle, NOWPAK™ | E195SK | EX0245P | | AH100-PC |
| Anhydrous | 270989 | Sure/Seal™, Pure-Pac™ | AC61034 | EX0237 | | AS100 |
| ACS | 319902 | Glass Bottle, Can | E145 | EX0240 | 9280 | LP100 |
| | 437549 | PVC-Coated Glass Bottle | E145SK | EX0240P | 9280 | |
| | 676810 | Aluminum Bottle | E145S | EX0240 | 9280 | |

Heptane

| | | | | | | |
|----------------------|--------|-----------------------|-------|--------|------|-------|
| CHROMASOLV® LC-MS | 34999 | Glass Bottle | | | | |
| CHROMASOLV® Plus | 650536 | Glass Bottle | | HX0078 | 9177 | 207 |
| CHROMASOLV® for HPLC | 34873 | Glass Bottle, NOWPAK™ | H350 | | | |
| Anhydrous | 246654 | Sure/Seal™, Pure-Pac™ | | | 9365 | AS206 |
| ReagentPlus® | H2198 | Glass Bottle, Can | O3008 | HX0080 | M956 | LP206 |

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|--|-------------------------|----------------------------------|---------|---------|----------|-------------------|
| Hexane, mixture of Isomers sigma-aldrich.com/hexane | | | | | | |
| CHROMASOLV® Plus | 650544 | Glass Bottle | H303 | HX0296 | 9361 | |
| | 650420 | PVC-Coated Glass Bottle | | HX0296P | 9361 | |
| CHROMASOLV® for HPLC | 293253 | Glass Bottle, Pure-Pac™ | H302 | HX0290 | | |
| | 439185 | PVC-Coated Glass Bottle, NOWPAK™ | H302SK | HX0290P | | |
| Anhydrous | 227064 | Sure/Seal™, Pure-Pac™ | AC61037 | | 9277 | |
| ACS | 178918 | Glass Bottle, Can | H292 | HX0299 | 9309 | |
| | 320315 | PVC-Coated Glass Bottle | H292SK | HX0299P | 9309 | |
| | 676799 | Aluminum Bottle | | HX0299T | 9309 | |

Hexane sigma-aldrich.com/hexane

| | | | | | | |
|----------------------|--------|-------------------------|---------|---------|------|--|
| CHROMASOLV® Plus | 650552 | Glass Bottle | H306 | HX0295 | 9304 | |
| | 675393 | PVC-Coated Glass Bottle | | HX0295P | 9304 | |
| CHROMASOLV® for HPLC | 270504 | Glass Bottle, NOWPAK™ | | | | |
| | 439177 | PVC-Coated Glass Bottle | | HX0291P | | |
| Anhydrous | 296090 | Sure/Seal™ | AC32692 | HX0304 | | |

Methanol sigma-aldrich.com/methanol

| | | | | | | |
|----------------------|--------|----------------------------------|---------|---------|------|----------|
| CHROMASOLV® LC-MS | 34966 | Glass Bottle | A456 | MX0486 | 9830 | |
| CHROMASOLV® Plus | 646377 | Glass Bottle | A454 | MX0488 | 9093 | 230 |
| | 650609 | PVC-Coated Glass Bottle | A454 | MX0488P | 9093 | |
| CHROMASOLV® Gradient | 34885 | Glass Bottle, Pure-Pac™ | | MX0475 | | AH230 |
| | 439193 | PVC-Coated Glass Bottle, NOWPAK™ | | MX0475P | | AH230-PC |
| CHROMASOLV® for HPLC | 34860 | Glass Bottle, Pure-Pac™ | A452 | | | |
| Anhydrous | 322415 | Sure/Seal™, Pure-Pac™ | AC61040 | MX0472 | 9049 | AS230 |
| ACS | 179337 | Glass Bottle, Can | A412 | MX0485 | 9070 | LP230 |
| | 320390 | PVC-Coated Glass Bottle | A412SK | MX0485P | 9070 | |
| | 676780 | Aluminum Bottle | | MX0485 | | |

2-Methyltetrahydrofuran

| | | | | | | |
|--------------------|--------|--------------|--|--|--|--|
| Anhydrous | 673277 | Sure/Seal™ | | | | |
| Anhydrous (BHT) | 414247 | Sure/Seal™ | | | | |
| ReagentPlus® (BHT) | 155810 | Glass Bottle | | | | |

2-Propanol sigma-aldrich.com/propanol

| | | | | | | |
|----------------------|--------|----------------------------------|---------|---------|------|----------|
| CHROMASOLV® LC-MS | 34965 | Glass Bottle | | | | |
| CHROMASOLV® Plus | 650447 | Glass Bottle | A464 | PX1834 | 9095 | 323 |
| | 675431 | PVC-Coated Glass Bottle | | PX1834P | 9095 | |
| CHROMASOLV® for HPLC | 34863 | Glass Bottle, Pure-Pac™ | A451 | PX1838 | | AH323 |
| | 439207 | PVC-Coated Glass Bottle, NOWPAK™ | A451SK | PX1838P | | AH323-PC |
| Anhydrous | 278475 | Sure/Seal™, Pure-Pac™ | AC61043 | PX1827 | | AS323 |
| ACS | 190764 | Glass Bottle, Can | A416 | PX1835 | 9084 | LP323 |
| | 437522 | PVC-Coated Glass Bottle | A416SK | PX1835P | 9084 | |
| | 673773 | Aluminum Bottle | A416S | PX1835T | 9084 | |
| 70 WT% Solution | 563935 | Glass Bottle, Can | A459 | | | |

Tetrahydrofuran sigma-aldrich.com/tetrahydrofuran

| | | | | | | |
|------------------|--------|----------------------------------|---------|---------|------|-------|
| CHROMASOLV® Plus | 34865 | Glass Bottle, NOWPAK™, Pure-Pac™ | T427 | TX0279 | 9441 | 340 |
| | 439215 | PVC-Coated Glass Bottle | | TX0279P | 9441 | |
| Anhydrous | 401757 | Sure/Seal™, Pure-Pac™ | AC61045 | TX0277 | 9446 | AS340 |

Tetrahydrofuran (BHT) sigma-aldrich.com/tetrahydrofuran

| | | | | | | |
|-----------|--------|-------------------------|---------|---------|------|-------|
| Anhydrous | 186562 | Sure/Seal™, Pure-Pac™ | AC61090 | TX0284 | 9447 | AS341 |
| ACS | 360589 | Glass Bottle, Can | | TX0280 | 9450 | LP341 |
| | 437638 | PVC-Coated Glass Bottle | | TX0280P | 9450 | |
| | 676764 | Aluminum Bottle | | TX0280 | 9450 | |

| Sigma-Aldrich Grade | Sigma-Aldrich Prod. No. | Packaging | Fisher | EMD | JT Baker | Burdick & Jackson |
|---|-------------------------|----------------------------------|---------|---------|----------|-------------------|
| Toluene sigma-aldrich.com/toluene | | | | | | |
| CHROMASOLV® Plus | 650579 | Glass Bottle | T291 | TX0737 | 9351 | 347 |
| CHROMASOLV® for HPLC | 34866 | Glass Bottle, NOWPAK™, Pure-Pac™ | T290 | | | AH347 |
| | 648566 | PVC-Coated Glass Bottle | T290SK | | | AH347-PC |
| Anhydrous | 244511 | Sure/Seal™, Pure-Pac™ | AC61046 | TX0732 | 9364 | AS347 |
| ACS | 179418 | Glass Bottle, Can | T324 | TX0735 | 9460 | LP347 |
| | 320552 | PVC-Coated Glass Bottle | T324SK | TX0735P | 9460 | |
| | 676756 | Aluminum Bottle | T324S | TX0735T | 9460 | |

2,2,4-Trimethylpentane

| | | | | | | |
|----------------------|--------|-------------------|------|--------|------|-------|
| CHROMASOLV® Plus | 650439 | Glass Bottle | O301 | TX1389 | 9480 | 362 |
| CHROMASOLV® for HPLC | 34862 | Glass Bottle | O296 | | | |
| Anhydrous | 360066 | Sure/Seal™ | | | | |
| ACS | 360597 | Glass Bottle, Can | O299 | TX1390 | 9478 | PL362 |

Xylenes

| | | | | | | |
|-----|--------|-------------------------|-----|--------|------|--|
| ACS | 247642 | Glass Bottle, Can | X5 | XX0055 | 9490 | |
| | 320579 | PVC-Coated Glass Bottle | X5P | XX0055 | 9490 | |
| | 676748 | Aluminum Bottle | X5S | XX0055 | 9490 | |

Water

sigma-aldrich.com/water

| | | | | | | |
|----------------------|--------|-----------------------|----|--------|------|-------|
| CHROMASOLV® LC-MS | 39253 | Glass Bottle | W6 | WX0001 | 9831 | |
| CHROMASOLV® Plus | 34877 | Glass Bottle, NOWPAK™ | W7 | WX0004 | 4218 | 365 |
| CHROMASOLV® for HPLC | 270733 | Glass Bottle, NOWPAK™ | W5 | WX0008 | | AH365 |
| ACS | 320072 | Poly Bottle | | | | |

Visit the Solvent Center
sigma-aldrich.com/solvents

- **Spec Comparison** Tables
- Solvent Applications Portal
- Solvent Selector
- Technical Papers

Packaging options available through Sigma-Aldrich:

- Sure/Seal™ Bottles
- PVC-Coated Bottles
- Safety Cans
- Carbon Steel Cans
- Stainless Steel Pure-Pac
- Glass Bottle
- Aluminum Bottle
- NOWPAK™

