

AcroSeal®

Extra Dry Solvents
Deuterated Solvents
Organometallic Compounds
Reagent In Solution
Organics



AcroSeal Packaging: Your Solution for Air & Moisture Sensitive Reagents



AcroSeal Packaging: **Your Solution For Air And Moisture Sensitive Reagents**

Product offering expanded with over 200 new products!

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 - **Organometallics**
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 - **Organics**

AcroSeal packaging is the industry-leading packaging for air and moisture sensitive reagents, designed to deliver the best performance among the comparable packagings in the marketplace.

The innovative quadrant style screw cap with the specially designed septum provides:

- **Convenience:** large surface area with easy access to large amount of products.
- **Quality:** the specially designed multi-layer septum ensures better re-seal.
- **Performance:** reduces the rate of moisture uptake compared to the competitive packaging.
- **Safety:** minimizes the potential needle puncture-related incidents

Replacement AcroSeal Septum

Now offering replacement septa to further prolong the life of your AcroSeal packaged products.

- Teflon coated (one side) butyl rubber septum (red) **Cat. No. 434560100**
- Teflon coated (both sides) silicon septum (gray) **Cat. No. 434570100**



Features

- **Easy to choose:** select a like-colored septum or refer to www.acros.com
- **Easy to replace:** unscrew the cap assembly under inert atmosphere, replace the used septum with the new one and tighten the cap. Refer to Page 15 for more detailed instruction



Product Range:

We offer a wide range of solvents in three different grades with moisture content of less than 50ppm at the time of packing.

- **Standard Grade:** Suitable for most of the applications.
- **Molecular Sieves Grade:** Stored over molecular sieves for prolonged shelf life.
- **Supreme Grade:** Filtered through 0.2 micro filters for dust-free applications.

Description	Standard*	Molecular Sieve	Supreme
Acetone			326801000, 100mL; 326800010, 1L
Acetonitrile	610961000, 100mL; 610220010, 1L	364311000, 100mL; 364315000, 500mL; 364310010, 1L; 364310025, 2.5L	326811000, 100mL; 326810010, 1L 326810025, 2.5L
Benzyl Alcohol			396881000, 100mL; 396880010, 1L
Bis(2-methoxyethyl) Ether			397211000, 100mL; 397210010, 1L
(±)1,3-Butanediol anhydrous, 99%			434661000, 100mL; 434660010, 1L
1-Butanol	610251000, 100mL		398961000, 100mL; 398960010, 1L
sec-Butanol	610261000, 100mL; 610260010, 1L		
2-Butanone			396951000, 100mL; 396950010, 1L
n-Butyl acetate, 99+%, extra dry			429231000, 100mL; 429230010, 1L
Tert-Butyl Methyl Ether	610271000, 100mL	375221000, 100mL; 375220010, 1L	375211000, 100mL; 375210010, 1L
Chloroform Stabilized	610281000, 100mL	364321000, 100mL; 364320010, 1L	326821000, 100mL; 326820010, 1L 326820025, 2.5L
Chlorobenzene			396971000, 100mL; 396970010, 1L
1-Chlorobutane anhydrous, 99.5%;			433821000, 100mL; 433820010, 1L
Cyclohexane	610291000, 100mL	364661000, 100mL; 364660010, 1L; 364660025, 2.5L	326831000, 100mL; 326830010, 1L; 326830025, 2.5L
Cyclopentane			397681000, 100mL; 397680010, 1L
Cyclopentyl Methyl Ether			397251000, 100mL; 397250010, 1L
Decahydronaphthalene, mixture of cis + trans, anhydrous			406171000, 100mL; 406170010, 1L
Decane anhydrous, 99%			434601000, 100mL; 434600010, 1L
1,2-Dichlorobenzene			396961000, 100mL; 396960010, 1L
1,2-Dichloroethane			326841000, 100mL; 326840010, 1L
Dichloromethane	610300010, 1L; 610931000, 100mL		
Dichloromethane Stabilized		348461000, 100mL; 348465000, 500mL; 348460010, 1L; 348460025, 2.5L	326851000, 100mL; 326850010, 1L; 326850025, 2.5L
Diethyl Ether Stabilized		364331000, 100mL; 364335000, 500mL; 364330010, 1L; 364330025, 2.5L	326861000, 100mL; 326860010, 1L
Di-n-butyl Ether			396911000, 100mL; 396910010, 1L
N,N-Dimethylacetamide	610311000, 100mL	375231000, 100mL; 375230010, 1L	396351000, 100mL; 396350010, 1L
N,N-Dimethylformamide	610941000, 100mL; 610321000, 100mL; 610320010, 1L	348431000, 100mL; 348435000, 500mL; 348430010, 1L 348430025, 2.5L	326871000, 100mL; 326870010, 1L; 326870025, 2.5L
1,3-Dimethyl-3,4,5,6-tetrahydro-2(1H)-pyrimidinone, extra dry			433561000, 100mL; 433560010, 1L
1,4-Dioxane, Stabilized		364341000, 100mL; 364340010, 1L; 364340025, 2.5L	326891000, 100mL; 326890010, 1L; 326890025, 2.5L
1,4-Dioxane	615121000, 100mL; 615120010, 1L		
1,3-Dioxolane anhydrous, 99.8%, contains 75 ppm BHT as inhibitor			431561000, 100mL; 431560010, 1L

*The standard grade is only available in North America region (except for Ethylene Glycol Dimethyl Ether - 61035, Hexanes - 61037, and sec-Butanol - 61026). Not all the products are available in all the regions. Contact your local sales representative for details. Add "AC" in front of the part number for North America region.



AcroSeal EXTRA DRY SOLVENTS

Description	Standard*	Molecular Sieve	Supreme
Dodecane anhydrous, 99%			434591000, 100mL; 434590010, 1L
Ethanol			397691000, 100mL; 397690010, 1L; 397690025, 2.5L
Ethyl Acetate	610341000, 100mL	364351000, 100mL; 364350010, 1L; 364350025, 2.5L	326901000, 100mL; 326900010, 1L; 326900025, 2.5L
Ethyl formate, 98+%, extra dry			429241000, 100mL
Ethylbenzene anhydrous, 99.8%			433801000, 100mL; 433800010, 1L
Ethylene glycol anhydrous, 99.8%			433811000, 100mL; 433810010, 1L
Ethylene Glycol Dimethyl Ether	610351000, 100mL; 610350010, 1L		
n-Heptane	610361000, 100mL	364361000, 100mL; 364360010, 1L; 364360025, 2.5L	326911000, 100mL; 326910010, 1L
n-Hexane		364371000, 100mL; 364370010, 1L	326921000, 100mL; 326920010, 1L; 326920025, 2.5L
Hexanes	610371000, 100mL; 610370010, 1L		
1-Hexanol, 99%			433861000, 100mL; 433860010, 1L
Isopropanol	610431000, 100mL	364401000, 100mL; 364400010, 1L; 364400025, 2.5L	326961000, 100mL; 326960010, 1L; 326960025, 2.5L
Methanol	610981000, 100mL; 610400010, 1L	364391000, 100mL; 364395000, 500mL; 364390010, 1L; 364390025, 2.5L	326951000, 100mL; 326950010, 1L
2-Methoxyethanol	610391000, 100mL		396891000, 100mL; 396890010, 1L
Methyl Acetate			371831000, 100mL; 371830010, 1L; 371830025, 2.5L
2-Methylbutane			397221000, 100mL; 397220010, 1L
3-Methyl-1-butanol anhydrous, 99%			433871000, 100mL; 433870010, 1L
Methylcyclohexane			397241000, 100mL; 397240010, 1L
2-Methyl-1-Propanol			398951000, 100mL; 398950010, 1L
1-Methyl-2-Pyrrolidinone	610411000, 100mL	364381000, 100mL; 364380010, 1L; 364380025, 2.5L	326931000, 100mL; 326930010, 1L; 326930025, 2.5L
Methyl Sulfoxide	610971000, 100mL; 610421000, 100mL; 610420010, 1L	348441000, 100mL; 348445000, 500mL; 348440010, 1L; 348440025, 2.5L	326881000, 100mL; 326880010, 1L; 326880025, 2.5L
2-Methyltetrahydrofuran, Stabilized		396631000, 100mL; 396630010, 1L	396621000, 100mL; 396620010, 1L
2-Methyltetrahydrofuran			397201000, 100mL; 397200010, 1L
Nonane anhydrous, 99%			435631000, 100mL
n-Octane			396901000, 100mL; 396900010, 1L
n-Pentane			397231000, 100mL; 397230010, 1L
Petroleum Ether			396921000, 100mL; 396920010, 1L
1-Propanol			396941000, 100mL; 396940010, 1L
Propylene carbonate, 99.5%, extra dry			429261000, 100mL; 429268000, 800ML
Pyridine	610991000, 100mL; 610440010, 1L	364421000, 100mL; 364420010, 1L; 364420025, 2.5L	339421000, 100mL; 339420010, 1L; 339420025, 2.5L
Tetrahydrofuran	610921000, 100mL; 610450010, 1L		
Tetrahydrofuran Stabilized	610911000, 100mL; 610900010, 1L	348451000, 100mL; 348455000, 500mL; 348450010, 1L; 348450025, 2.5L	326971000, 100mL; 326970010, 1L; 326970025, 2.5L
Tetrahydropyran anhydrous, 99%			138241000, 100mL; 138240010, 1L
2,2,4-Trimethylpentane			326941000, 100mL; 326940010, 1L
Toluene	610951000, 100mL; 610460010, 1L	364411000, 100mL; 364415000, 500mL; 364410010, 1L; 364410025, 2.5L	326981000, 100mL; 326980010, 1L; 326980025, 2.5L
Xylenes			396931000, 100mL; 396930010, 1L
m-Xylene	610471000, 100mL		

*The standard grade is only available in North America region (except for Ethylene Glycol Dimethyl Ether - 61035, Hexanes - 61037, and sec-Butanol - 61026).
Not all the products are available in all the regions. Contact your local sales representative for details. Add "AC" in front of the part number for North America region.



Deuterated Solvents:

We offer some of the most commonly used deuterated solvents in AcroSeal packaging. It is a low cost alternative to ampule packaging. AcroSeal packaging reduces the moisture uptake of the solvent compared to the regular packaging. It also reduces the safety risk associated with handling ampules.

Product Description	Pack Size	Part Number
Acetone-d6, 99.8 atom % D, for NMR	100mL	217371000
Acetonitrile-d3, 99.8 atom% D, for NMR	100mL	217421000
Chloroform-d, 99.8 atom % D, for NMR	100mL	426771000
Chloroform-d, contains 0.03 v/v% TMS, 99.8+ atom % D, for NMR	100mL	426961000
Deuterium chloride, 1M solution in D2O, 99.8 atom% D, for NMR	100mL	210601000
Deuterium oxide, 100 atom % D, for NMR	100mL	184761000
Deuterium oxide, 99.8 atom % D, for NMR	100mL	426931000
Dichloromethane-d2, for NMR, 99.5 atom % D, for NMR	100mL	433991000
Methanol-d4, 99.8 atom% D, for NMR	100mL	426951000
Methanol-d4, contains 0.03 v/v% TMS, 99.8% atom% D, for NMR	100mL	325351000
Methyl sulfoxide-d6, 99.9 atom% D, for NMR	100mL	426941000
Tetramethylsilane, 99%	100mL	427331000
Toluene-d8, 99.5 atom % D, for NMR	100mL	434001000



Additional products packaged in AcroSeal packaging

1) Organometallics: Products offered include organolithium, organotin, organozinc and organoaluminum compounds, and Grignard reagents in two pack sizes, 100mL and 800mL.

2) Reagent in Solution: We offer some of the most commonly used reactive reagents and corrosive gaseous reagents in the ready to use solutions in AcroSeal packaging. It reduces the hazard of handling and improves the safety of using the products. Key products include boranes, hydrides, organic bases and Lewis acids.

3) Organics: Organic products packed in AcroSeal packaging include those which are prone to oxidation and hydrolysis, as well those which have strong odors or high toxicity.



Product Description	Pack Size	Part Number	Pack Size	Part Number
Acetaldehyde, 99.5%	100mL	427171000		
Acetyl chloride, 1M solution in dichloromethane	100mL	387741000	800mL	387748000
Allyl glycidyl ether, 99%	100mL	430951000	800mL	430958000
Allylmagnesium bromide, 1M solution in diethyl ether	100mL	209531000	800mL	209538000
Allylmagnesium chloride, 1.7M solution in THF	100mL	209671000	800mL	209678000
(3-Aminopropyl)triethoxysilane, 99%	100mL	430941000	800mL	430948000
Ammonia, 0.5M solution in dioxane	100mL	368381000	1L	368380010
Ammonia, 2M solution in methanol	100mL	368391000	800mL	368398000
Ammonia, ca. 7N solution in methanol	100mL	428381000	800mL	428388000
Ammonium fluoride, 0.5 solution in methanol	100mL	428891000		
Antimony(V) chloride solution 1M in methylene chloride	100mL	434521000	800mL	434528000
Benzaldehyde, redistilled, pure, 99.5+%	100mL	378361000	1L	378360010
Benzylamine, 99.5+%	100mL	427231000	800mL	427238000
Benzyl chloroformate, (3M) 50 wt% solution in toluene	100mL	428901000		
Benzyl chloroformate, Technical Grade, 97%	100mL	430771000	800mL	430778000
Benzylmagnesium chloride, 1.5M solution in THF	100mL	389551000	800mL	389558000
4-Benzyloxyphenylmagnesium bromide solution 0.8M in tetrahydrofuran	100mL	436221000		
Benzyltrimethylammonium methoxide, 40 wt% solution in methanol	100mL	428971000		
4-Biphenylmagnesium bromide solution 0.5M in tetrahydrofuran	100mL	431621000		
Bis(cyclopentadienyl)dimethyltitanium, 5 wt% in toluene	100mL	301761000		
[Bis(2-methoxyethyl)amino]sulfur trifluoride, (2.7M) 50% solution in toluene	100mL	428981000		
3,5-Bis(trifluoromethyl)phenylmagnesium bromide, 0.5M solution in THF	100mL	392151000		
9-Borabicyclo[3.3.1]nonane, 0.5M solution in THF	100mL	165811000	800mL	165818000
9-Borabicyclo[3.3.1]nonyl trifluoromethanesulfonate, 0.5M solution in diethyl ether	100mL	428801000		
9-Borabicyclo[3.3.1]nonyl trifluoromethanesulfonate, 0.5M solution in hexanes	100mL	224781000		
Borane-methyl sulfide complex, 1M solution in methylene chloride	100mL	185611000		
Borane-methyl sulfide complex, 2M solution in THF	100mL	185071000	800mL	185078000
Borane-methyl sulfide complex, 94%	100mL	177061000	800mL	177068000
Borane N,N-diethylaniline complex, 97%	100mL	430931000		
Borane-pyridine complex, (ca. 9.4M), 95%	100mL	427131000		
Borane-tetrahydrofuran complex, 1M solution in THF, Stabilized	100mL	175081000	800mL	175088000



Product Description	Pack Size	Part Number	Pack Size	Part Number
Boron tribromide, 1M solution in heptane	100mL	378191000	800mL	378198000
Boron tribromide, 1M solution in methylene chloride	100mL	427101000	800mL	427108000
Boron tribromide dimethyl sulfide complex solution 1M in methylene chloride	100mL	428321000	800mL	428328000
Boron trichloride, 1M solution in hexane	100mL	198921000		
Boron trichloride, stab., 1M sol. in methylene chloride	100mL	176681000	800mL	176688000
Boron trichloride solution 1M (10 wt. %) in 2-chloroethanol	100mL	428331000		
Boron trifluoride dibutyl etherate	100mL	428141000		
Boron trifluoride etherate, ca. 48% BF ₃	100mL	427111000	800mL	427118000
Boron trifluoride-propanol, 14% BF ₃ w/v in propanol	100mL	427121000		
Boron tris(trifluoroacetate) solution 1M in trifluoroacetic acid	100mL	179561000		
Bromine, 1M solution in acetic acid	100mL	388401000	800mL	388408000
Bromine, 1M solution in dichloromethane	100mL	389661000	800mL	389668000
Bromine-dioxane complex, 0.25M solution in dioxane	100mL	388411000	800mL	388418000
2-Bromobenzylmagnesium bromide solution 0.25M in diethyl ether	100mL	431611000		
3-Bromobenzylmagnesium bromide solution 0.25M in diethyl ether	100mL	431601000		
Bromotrimethylsilane, 98%	100mL	430751000		
1-Butanethiol, 98%	100mL	430871000	800mL	430878000
3-Butenylmagnesium bromide, 0.5M solution in THF	100mL	427461000	800mL	427468000
tert-Butylamine, 99%	100mL	427241000	800mL	427248000
N-Butyl-sec-butylmagnesium, 0.7M solution in hexane	100mL	426971000		
tert-Butyl(chloro)diphenylsilane, 98%	100mL	430921000		
tert-Butylchlorodimethylsilane, 1.0M solution in dichloromethane	100mL	369101000		
tert-Butyldimethylsilyl chloride, 50% solution in toluene	100mL	433111000		
n-Butylethylmagnesium, 0.9M solution in heptane	100mL	381181000	800mL	381188000
sec-Butyllithium, 1.3M solution in cyclohexane/hexane (92/8)	100mL	187541000	800mL	187548000
n-Butyllithium, 1.6M solution in hexanes	100mL	181271000	500mL	181275000
tert-Butyllithium, 1.6M solution in pentane	100mL	181281000	800mL	181288000
tert-Butyllithium, 1.9M solution in pentane	100mL	396541000	800mL	396548000
n-Butyllithium, 2.2M solution in cyclohexane	100mL	377491000	800mL	377498000
n-Butyllithium, 2.5M solution in hexanes	100mL	213351000	800mL	213358000
n-Butyllithium, 2.6M solution in toluene	100mL	378931000	800mL	378938000
tert-Butylmagnesium chloride, 1.7M solution in THF	100mL	331671000	800mL	331678000
n-Butylmagnesium chloride, 20 wt% solution in THF/Toluene	100mL	331681000		
sec-Butylmagnesium chloride, 25 wt% solution in THF	100mL	331661000		
tert-Butylmagnesium chloride, 1.7M solution in diethyl ether	100mL	394301000	800mL	394308000
4-tert-Butylphenylmagnesium bromide solution 2M in diethyl ether	100mL	432861000		
Catecholborane, 1M solution in THF, 97%	100mL	209541000	800mL	209548000
2-Chloro-5,5-dimethyl-1,3,2-dioxaphosphorinane	50mL	427840500		
4-Chloro-3-fluorophenylmagnesium bromide, 0.5M solution in THF	100mL	399081000		
3-Chloro-4-fluorophenylmagnesium bromide solution 0.5M in tetrahydrofuran	50mL	431990500		
3-Chloro-5-fluorophenylmagnesium bromide solution 0.5M in tetrahydrofuran	50mL	432000500		
4-Chloro-2-methylphenylmagnesium bromide solution 0.5M in tetrahydrofuran	50mL	431980500		
Chloro(chloromethyl)dimethylsilane, 98%	100mL	434021000		
Chlorodiisopropylphosphine, 96%	50mL	427270500		
3-Chlorophenylmagnesium bromide, 0.5M solution in THF	100mL	397491000		
4-Chlorophenylmagnesium bromide, 1M solution in diethyl ether	100mL	377401000	800mL	377408000
4-Chlorophenylmagnesium bromide, 1M solution in THF/toluene	100mL	377251000	800mL	377258000
2-(4-Chlorosulfonylphenyl)ethyltrimethoxysilane, 50% solution in dichloromethane	100mL	428991000		



AcroSeal

Organometallic, Reagent in Solution and Organics

Product Description	Pack Size	Part Number	Pack Size	Part Number
Chlorotriethylsilane solution 1M in tetrahydrofuran	100mL	433251000		
Chlorotrimethylsilane, 1M solution in dichloromethane	100mL	381601000	800mL	381608000
Chlorotrimethylsilane, 1M solution in THF	100mL	381611000	800mL	381618000
Chlorotrimethylsilane, 98%	100mL	426431000		
5-Chloro-2-thienylmagnesium bromide 0.5M slurry in tetrahydrofuran	50mL	431970500		
o-Cresol, 99%	100mL	405731000	800mL	405738000
Crotonaldehyde, 99+%	100mL	427181000	800mL	427188000
Cyanogen bromide, 3M solution in dichloromethane	100mL	428911000		
Cyclohexylmagnesium chloride, 1.3M solution in THF/toluene	100mL	377341000	800mL	377348000
Cyclohexylmethylmagnesium bromide, 0.25M solution in THF	100mL	433611000		
Cyclopentylmagnesium bromide, 2M solution In diethyl ether	100mL	427451000	800mL	427458000
Cyclopentylmagnesium chloride, 2M solution In diethyl ether	100mL	208461000	800mL	208468000
Cyclopropylacetylene solution, 70 wt. % in toluene	100mL	433541000		
Cyclopropylmagnesium bromide, 0.5M solution in THF	100mL	397611000		
Cyclopropylzinc bromide solution, 0.5 M in tetrahydrofuran	50mL	432820500		
Dess-Martin periodinane, 15 wt.% solution in dichloromethane	100mL	429001000		
Diacetoxydimethylsilane, 98%	100mL	434011000		
Di-tert-butylchlorophosphine, 96%	50mL	427280500		
Di-tert-butyl dicarbonate, 1M solution in THF	100mL	426801000	800mL	426808000
Di-n-butylmagnesium, 0.5M solution in heptane	100mL	377771000	800mL	377778000
Di-tert-butylphosphine, 0.5M (10 wt. %) solution in hexanes	100mL	429011000		
Dibutylzinc, 1M solution in heptanes	100mL	428411000	800mL	428418000
cis-Dichloro-2-butene, 95%	100mL	430741000		
Dichlorodimethylsilane, 99+%	100mL	430881000	800mL	430888000
Dichlorodiphenylsilane, 97%	100mL	430891000	800mL	430898000
Dichloromethylsilane, 97%	100mL	430901000	800mL	430908000
3,4-Dichlorophenylmagnesium bromide solution 0.5M in tetrahydrofuran	50mL	431570500		
3,5-Dichlorophenylmagnesium bromide solution 0.5M in tetrahydrofuran	50mL	433010500		
N,N'-Dicyclohexylcarbodiimide, 1M solution in dichloromethane	100mL	429021000		
Diethylaluminium chloride, 0.9M solution in toluene	100mL	381151000	800mL	381158000
Diethylaluminium chloride, 1M solution in hexanes	100mL	199521000	800mL	199528000
Diethylaluminium ethoxide, 1.7M (25 wt. %) solution in toluene	100mL	429031000		
Diethylaluminium iodide, 0.9M solution in toluene	100mL	381161000	800mL	381168000
Diethylaluminium iodide, 1.1M solution in toluene	100mL	185471000	800mL	185478000
Diethylmethoxyborane, 4M solution in THF	100mL	398381000	800mL	398388000
Diethylzinc, 1.5M solution in toluene	100mL	377311000	800mL	377318000
Diethylzinc, 1M solution in hexane	100mL	205511001	800mL	205518000
3,4-Difluorophenylmagnesium bromide, 0.5M solution in THF	100mL	399511000		
3,5-Difluorophenylmagnesium bromide, 0.5M solution In THF	100mL	427441000		
Diisobutylaluminium chloride, 0.8M solution in heptane	100mL	377561000	800mL	377568000
Diisobutylaluminium hydride, 1M solution in heptanes	100mL	201051000	800mL	201058000
Diisobutylaluminium hydride, 1.1M solution in cyclohexane	100mL	201031000	800mL	201038000
Diisobutylaluminium hydride, 1M solution in hexane	100mL	183791000	400mL	183794000
Diisobutylaluminium hydride, 20 wt% solution in toluene, 1.2M	100mL	201081000	400mL	201084000
(+)-Diisopinocampheylchloroborane, 1.8M solution in hexanes	100mL	388421000	800mL	388428000
Diisopropylphosphine, 10 wt.% solution in hexanes	100mL	429041000		
Dilithium tetrabromonickelate(II) solution 0.5M in tetrahydrofuran	100mL	434541000	800mL	434548000
Dilithium tetrachlorocuprate, 0.1M solution in THF	100mL	429051000		



Product Description	Pack Size	Part Number	Pack Size	Part Number
Dimethoxydimethylsilane, 95%	100mL	351531000	1L	351530010
Dimethylaluminium chloride, 0.9M solution in heptane	100mL	377791000	800mL	377798000
Dimethylamine, 2M solution in methyl alcohol	100mL	370261000	800mL	370268000
Dimethylamine, 2M solution in THF	100mL	388381000	800mL	388388000
Dimethyl carbonate, anhydrous, extra dry, >99%	100mL	428731000	1L	428730010
Dimethyl disulfide, 99%	100mL	430821000		
3,5-Dimethyl-4-methoxyphenylmagnesium bromide 0.5M in tetrahydrofuran	50mL	431960500		
2,3-Dimethylphenylmagnesium bromide 0.5M in tetrahydrofuran	50mL	431930500		
2,5-Dimethylphenylmagnesium bromide 0.5M in tetrahydrofuran	50mL	431920500		
2,4-Dimethylphenylmagnesium bromide solution 0.5M in tetrahydrofuran	50mL	431950500		
3,5-Dimethylphenylmagnesium bromide solution 0.5M in tetrahydrofuran	50mL	431940500		
2,6-Dimethylphenylmagnesium bromide solution 1M in tetrahydrofuran	100mL	436061000	800mL	436068000
3,4-Dimethylphenylmagnesium chloride solution 0.5M in tetrahydrofuran	50mL	431910500		
1,1-Dimethylpropylmagnesium chloride solution 1M in diethyl ether	100mL	436051000		
Dimethyl sulfate, 99+%	100mL	430831000	1L	430830010
Dimethylzinc, 1.2M solution in toluene	100mL	377241000	800mL	377248000
(1,3-Dioxan-2-ylethyl)magnesium bromide solution 0.5M in tetrahydrofuran	50mL	431900500		
Diphenylphosphine, 95%	50mL	427290500		
Epichlorohydrin, 99%	100mL	430711000		
Ethanolamine, 99%	100mL	427251000	800mL	427258000
Ethylaluminium dichloride, 0.9M solution in heptane	100mL	185451000	800mL	185458000
Ethylaluminium sesquichloride, 0.4M solution in hexane	100mL	185461000	800mL	185468000
Ethylaluminium dichloride solution 25 wt. % (1.8M) in toluene	100mL	428041000	800mL	428048000
Ethylamine, 2M solution in THF	100mL	370251000	800mL	370258000
Ethyl chloroformate, 99%	100mL	430791000	800mL	430798000
Ethylenediamine, 99+%	100mL	427261000	800mL	427268000
Ethyl ethynyl ether, 40 wt% solution in hexanes	100mL	429061000		
(2-Ethylhexyl)magnesium bromide solution 1M in diethyl ether	100mL	435951000		
Ethyllithium, 1.7M solution in dibutyl ether	100mL	377571000	800mL	377578000
Ethylmagnesium bromide, 0.9M in tert-Butyl methyl ether	100mL	347281000	800mL	347288000
Ethylmagnesium bromide, 0.9M solution in THF	100mL	210471000	800mL	210478000
Ethylmagnesium bromide, 3M in Diethyl ether	100mL	347291000	800mL	347298000
Ethylmagnesium bromide, ca. 3.2M in 2-methyltetrahydrofuran	100mL	183531000	800mL	183538000
Ethylmagnesium bromide, ca. 3.2M in 2-Methyltetrahydrofuran	100mL	183531000	800mL	183538000
Ethylmagnesium chloride, 0.6M solution in THF/Toluene	100mL	388951000	800mL	388958000
Ethylmagnesium chloride, 2.0M solution in THF	100mL	377281000	800mL	377288000
Ethylmagnesium chloride, 2.7M (25 wt. %) solution in THF	100mL	252571000	800mL	252578000
4-Ethylphenylmagnesium bromide solution 0.5M in tetrahydrofuran	50mL	431890500		
Ethyltrichlorosilane, 99%	100mL	313511000	1L	313510010
Ethyltrimethoxysilane, 97%	100mL	433081000	1L	433080010
3-Fluoro-4-methoxyphenylmagnesium bromide 0.5M in tetrahydrofuran	50mL	431870500		
5-Fluoro-2-methoxyphenylmagnesium bromide solution 0.5M in tetrahydrofuran	50mL	431880500		
3-Fluoro-4-methylphenylmagnesium bromide solution 0.5M in tetrahydrofuran	50mL	431850500		
4-Fluoro-2-methylphenylmagnesium bromide solution 0.5M in tetrahydrofuran	50mL	431840500		
5-Fluoro-2-methylphenylmagnesium bromide solution 0.5M in tetrahydrofuran	50mL	431830500		
4-Fluoro-3-methylphenylmagnesium bromide solution 0.5M in tetrahydrofuran	50mL	431860500		
3-Fluoro-2-methylphenylmagnesium chloride solution 0.5M in tetrahydrofuran	50mL	433740500		
4-Fluorobenzaldehyde, 98+%	100mL	427191000		



Product Description	Pack Size	Part Number	Pack Size	Part Number
4-Fluorobenzylmagnesium chloride, 0.25M solution in THF,	50mL	426790500		
4-Fluorobenzylzinc chloride solution, 0.5M tetrahydrofuran	50mL	433640500		
4-Fluorophenylmagnesium bromide, 0.8M solution in THF	100mL	377231000	800mL	377238000
3-Fluorophenylmagnesium bromide, 1M Solution In THF	100mL	427821000		
4-Fluorophenylmagnesium bromide, 2M solution in diethyl ether	100mL	377371000	800mL	377378000
Heptylmagnesium bromide solution 1M in diethyl ether	100mL	433031000		
1,1,1,3,3,3-Hexamethyldisilazane, 98%	100mL	430851000		
1,1,3,3,5,5-Hexamethyltrisiloxane 95%	100mL	433071000		
1-Hexene, 99%	100mL	120751000		
n-Hexyllithium, 33 wt.% solution in n-hexane	100mL	301651000	800mL	301658000
Hexylmagnesium bromide, 0.8M Solution In THF	100mL	427761000	800mL	427768000
Hexylmagnesium chloride solution 2M in tetrahydrofuran	100mL	434681000	800mL	434688000
Hydrazine solution 1M in tetrahydrofuran	100mL	411741000	800mL	411748000
Hydrogen bromide solution 33 wt. % in acetic acid	100mL	430691000	800mL	430698000
Hydrogen chloride, 1.25M solution in ethanol	100mL	427011000	800mL	427018000
Hydrogen chloride, 1M solution in acetic	100mL	370271000		
Hydrogen chloride, ca 0.5M solution in Methanol	100mL	428931000		
Hydrogen chloride, 1N solution in diethyl ether, pure	100mL	368461000	800mL	368468000
Hydrogen chloride, 2N solution in diethyl ether, pure	100mL	368471000	800mL	368478000
Hydrogen chloride, 4N solution in dioxane	100mL	388361000	800mL	388368000
Hydrogen chloride, 5 to 6N solution in 2-propanol	100mL	428601000	800mL	428608000
Hydrogen chloride, 1M solution in ethyl acetate	100mL	428921000		
Iodine monobromide, 1M solution in methylene chloride	100mL	428701000		
Iodine monochloride, 1M solution in dichloromethane	100mL	428941000		
Iodomethane, 2M solution in tert-butyl methyl ether	100mL	378411000	800mL	378418000
Iodotrimethylsilane, stabilized, 95-97%	100mL	426421000		
Isobutyl chloroformate, 98%	100mL	430811000		
Isobutyllithium, 1.6M solution in heptane	100mL	377591000	800mL	377598000
Isobutylmagnesium bromide, 2M Solution In Diethyl Ether	100mL	427391000	800mL	427398000
Isobutylmagnesium chloride, 2M Solution In Diethyl Ether	100mL	209521000	800mL	209528000
Isopropenylmagnesium bromide, 0.5M Solution In THF	100mL	427751000	800mL	427758000
Isopropyl chloroformate, 1M solution in toluene	100mL	427621000	800mL	427628000
Isopropylmagnesium bromide, 3M solution in 2-Methyltetrahydrofuran	100mL	426781000		
Isopropylmagnesium chloride, 2M solution in THF	100mL	212851000	800mL	212858000
Isopropylmagnesium chloride - Lithium chloride complex, 1.3M solution in THF	100mL	386281000	800mL	386288000
4-Isopropylphenylmagnesium bromide solution 0.5M in tetrahydrofuran	50mL	431630500		
Lithium aluminium hydride, 1M solution in THF	100mL	199491000	800mL	199498000
Lithium aluminium hydride, 15% (3.5M) solution in toluene/THF	100mL	385571000	800mL	385578000
Lithium aluminium hydride, 2.4M solution in THF	100mL	377321000	800mL	377328000
Lithium aluminium hydride, 4M solution in diethyl ether	100mL	199511000	800mL	199518000
Lithium aluminum hydride bis(tetrahydrofuran) solution 1M in toluene	100mL	434551000	800mL	434558000
Lithium bis(trimethylsilyl)amide, 0.9M solution in methylcyclohexane	100mL	380231000	800mL	380238000
Lithium bis(trimethylsilyl)amide, 1M solution in methyl tert-butyl ether	100mL	345671000	800mL	345678000
Lithium bis(trimethylsilyl)amide, 1M solution in THF/Ethylbenzene	100mL	347701000	800mL	347708000
Lithium borohydride, 2M solution in THF	100mL	212931000		
Lithium bromide, 4M solution in THF	100mL	390971000	800mL	390978000
Lithium tert-butoxide, 1M solution in hexanes	100mL	380151000	800mL	380158000
Lithium tert-butoxide, 2.2M solution in THF	100mL	379311000	800mL	379318000



Product Description	Pack Size	Part Number	Pack Size	Part Number
Lithium diisopropylamide, 2M sol. in THF/n-heptane/ethylbenzene	100mL	268831000	800mL	268838000
Lithium diisopropylamide mono(tetrahydrofuran) solution 1.5M in cyclohexane	100mL	432871000	800mL	432878000
Lithium dimethylaminoborohydride solution 1M in tetrahydrofuran	100mL	433531000		
Lithium diphenylphosphide solution 0.5M in tetrahydrofuran	100mL	433621000		
Lithium ethoxide, 1M solution in ethanol	100mL	380171000	800mL	380178000
Lithium ethoxide, 1M solution in THF	100mL	380181000	800mL	380188000
Lithium isopropoxide, 1M solution in hexanes	100mL	380201000		
Lithium isopropoxide, 3M solution in THF	100mL	396501000	800mL	396508000
Lithium methoxide, 2.2M (10%) solution in methanol, pure	100mL	336751000	800mL	336758000
Lithium morpholinoborohydride solution 1M in tetrahydrofuran	100mL	433491000		
Lithium phenoxide solution 1M in tetrahydrofuran	100mL	388611000		
Lithium 2-thienylcyanocuprate solution 0.25M in tetrahydrofuran	100mL	434511000	800mL	434518000
Lithium thiophenolate solution 1M in tetrahydrofuran	100mL	433501000		
Lithium tri-tert-butoxyaluminumhydride, 1.1M solution in THF	100mL	377581000	800mL	377588000
Lithium tri-sec-butylborohydride, 1M solution in THF	100mL	176451000	800mL	176458000
Lithium triethylborohydride, 1M solution in THF	100mL	176991000	800mL	176998000
Lithium trimethylsilylate, 1M solution in dichloromethane	100mL	428821000	800mL	428828000
Lithium trimethylsilylate, 1M solution in THF	100mL	428811000	800mL	428818000
Lithium (trimethylsilyl)acetylide, 0.5M solution in THF	100mL	380651000	800mL	380658000
Lithium trisiamylborohydride, 1M solution in THF	100mL	209681000		
Magnesium bis(diisopropylamide), 0.7M solution in THF	100mL	389461000	800mL	389468000
Magnesium methyl carbonate, 0.5M solution in methanol	100mL	428751000		
2-Mesitylmagnesium bromide solution 1M in tetrahydrofuran	100mL	210731000		
Methacrolein, 95%	100mL	196501000		
Methacryloyl chloride, 97%, contains 200ppm monomethyl ether hydroquinone as stabilizer	100mL	168661000	1L	168660010
4-Methoxybenzylmagnesium chloride, 0.25M Solution In THF	100mL	427421000		
2-Methoxybenzylmagnesium chloride solution 0.25M in tetrahydrofuran	50mL	433730500		
3-Methoxybenzylmagnesium chloride solution 0.25M in tetrahydrofuran	50mL	431820500		
4-Methoxy-2-methylphenylmagnesium bromide solution 0.5M in tetrahydrofuran	50mL	431810500		
1-Methoxy-2-methyl-2-propanol, 98%	100mL	381711000		
6-Methoxy-2-naphthylmagnesium bromide solution 0.5M in tetrahydrofuran	50mL	431800500		
2-Methoxyphenylmagnesium bromide, 1M solution in THF	100mL	426731000	800mL	426738000
4-Methoxyphenylmagnesium bromide, 1M solution in THF	100mL	377421000	800mL	377428000
3-Methoxyphenylmagnesium bromide, 1M solution in THF/toluene	100mL	426751000	800mL	426758000
2-Methylallylmagnesium chloride, 0.7M solution In THF	100mL	427411000		
Methylaluminoxane solution 10 wt. % (1.5M) in toluene	100mL	427871000	800mL	427878000
Methylamine, 2M solution in methanol, pure	100mL	368551000	800mL	368558000
Methylamine, 2M solution in THF, pure	100mL	368491000	800mL	368498000
Methylamine, 33 wt.% solution in absolute ethanol	100mL	396731000	800mL	396738000
2-Methylbenzylmagnesium chloride solution 0.25M in tetrahydrofuran	50mL	433710500		
3-Methylbenzylmagnesium chloride solution 0.25M in tetrahydrofuran	50mL	433720500		
4-Methylbenzylmagnesium chloride solution 0.5M in tetrahydrofuran	50mL	433700500		
2-Methyl-2-butene, 2M solution in THF	100mL	426391000		
2-Methyl-2-butene, 2M solution in THF	100mL	426391000		
(R)-(+)-2-Methyl-CBS-oxazaborolidine solution 1M in toluene	50mL	436040500		
(S)-(-)-2-Methyl-CBS-oxazaborolidine solution 1M in toluene	50mL	436030500		
Methyl chloroformate, 99%	100mL	430841000		
Methyl isothiocyanate, 97%	100mL	150751000		



Product Description	Pack Size	Part Number	Pack Size	Part Number
Methylolithium, 1.6M sol. in diethyl ether ($\pm 5\%$ w/v)	100mL	188751000	800mL	188758000
Methylolithium lithium bromide complex, 2.2M solution in diethylether	100mL	181291000	800mL	181298000
Methylmagnesium bromide, 1.4M solution in toluene/THF	100mL	377331000	800mL	377338000
Methylmagnesium bromide, 1M solution in THF	100mL	377381000		
Methylmagnesium bromide, 3.2M in solution 2-methyltetrahydrofuran	100mL	391121000		
Methylmagnesium bromide, 3M solution in diethyl ether	100mL	183541000	800mL	183548000
Methylmagnesium chloride, 22 wt% solution in THF	100mL	252561000	800mL	252568000
Methylmagnesium iodide, 3M Solution In Diethyl Ether	100mL	427401000	800mL	427408000
4-Methylmorpholine purified by redistillation, 99.5%	100mL	432801000	1L	432800010
2-Methyl-1-naphthylmagnesium bromide 0.25M in tetrahydrofuran	50mL	433680500		
4-Methyl-1-naphthylmagnesium bromide 0.25M in tetrahydrofuran	50mL	433690500		
1-Methyl-1-propenylmagnesium bromide solution 0.5M in tetrahydrofuran	100mL	436021000	800mL	436028000
2-Methyl-1-propenylmagnesium bromide solution 0.5M in tetrahydrofuran	100mL	435561000	800mL	435568000
3-Methyl-2-thienylmagnesium bromide solution 0.5M in tetrahydrofuran	50mL	431780500		
Methyltitanium triisopropoxide, 1M solution in THF	100mL	428371000		
Methyltrimethoxysilane, 97%	100mL	432641000	1L	432640010
Methylzinc chloride solution, 2M tetrahydrofuran	50mL	436080500		
(3-(4-Morpholinylmethyl)phenyl)magnesium bromide 0.25M in tetrahydrofuran	50mL	431760500		
(4-(4-Morpholinylmethyl)phenyl)magnesium bromide solution 0.25M in tetrahydrofuran	50mL	431770500		
[2-(4-Morpholinylmethyl)phenyl]magnesium bromide solution 0.25M in tetrahydrofuran	50mL	431750500		
1-Naphthylmagnesium bromide, 0.25M solution in THF	100mL	384121000		
2-Naphthylmagnesium bromide solution 0.5M in tetrahydrofuran	50mL	431740500		
Nitronium tetrafluoroborate, 0.5M solution in sulfolane	100mL	429071000		
Octadecylmagnesium chloride solution 0.5M in tetrahydrofuran	100mL	436011000	800mL	436018000
1-Octanol anhydrous, 99%	100mL	434581000	1L	434580010
Octylmagnesium bromide, 2M solution In Diethyl Ether	100mL	427811000	800mL	427818000
Octylmagnesium chloride, 1.4M solution in THF	100mL	428031000	800mL	428038000
Osmium tetroxide, 2.5 wt% solution in t-butanol, stabilized	100mL	429081000		
Oxalyl chloride, 2M solution in dichloromethane	100mL	369181000	800mL	369188000
Pentamethylenebis (magnesium bromide) solution 0.5M in tetrahydrofuran	100mL	436001000		
1-Pentene, 97%	100mL	430731000		
3-Pentylmagnesium bromide solution 2M in diethyl ether	100mL	435961000		
Pentylmagnesium bromide solution 2M in diethyl ether	100mL	435551000	800mL	435558000
Pentylmagnesium chloride solution 1.3M in tetrahydrofuran	100mL	436211000	800mL	436218000
9-Phenanthrylmagnesium bromide 0.5M in tetrahydrofuran	50mL	431730500		
Phenethylmagnesium chloride, 1M solution In THF	100mL	427801000	800mL	427808000
4-Phenoxyphenylmagnesium bromide solution 0.5M in tetrahydrofuran	50mL	431720500		
Phenyllithium, 2M (20%) solution in dibutylether	100mL	365151000	500mL	365155000
Phenylmagnesium bromide, 1M solution in THF	100mL	377411000	800mL	377418000
Phenylmagnesium bromide, 2.8M solution in diethyl ether	100mL	173981000	800mL	173988000
Phenylmagnesium bromide, 2.8M solution in 2-methyltetrahydrofuran	100mL	391111000	800mL	391118000
Phenylmagnesium chloride, 25 wt% solution in THF	100mL	252581000	800mL	252588000
Phosphorus tribromide, 1M solution in dichloromethane	100mL	382061000	800mL	382068000
Phosphorus trichloride, 2M solution in dichloromethane	100mL	382101000	800mL	382108000
Piperidine, 99.5%, purified by redistillation	100mL	433841000	1L	433840010
(4-(1-Piperidinylmethyl)phenyl)magnesium bromide solution 0.25M in tetrahydrofuran	50mL	431690500		
[2-(1-Piperidinylmethyl)phenyl]magnesium bromide solution 0.25M in tetrahydrofuran	50mL	431710500		
[3-(1-Piperidinylmethyl)phenyl]magnesium bromide solution 0.25M in tetrahydrofuran	50mL	431700500		



Product Description	Pack Size	Part Number	Pack Size	Part Number
Pivaldehyde, 97%	100mL	427201000		
Potassium bis(trimethylsilyl)amide, 0.7M solution in toluene	100mL	418231000	800mL	418238000
Potassium tert-butoxide, 1M solution in tert-butanol	100mL	426121000	800mL	426128000
Potassium tert-butoxide, 1M solution in THF, pure	100mL	371221000	1L	371220010
Potassium tert-butoxide, pure, 1.7M solution in THF	100mL	428791000	800mL	428798000
Potassium hydroxide, 1N solution in ethanol	100mL	429091000		
Potassium methoxide, 0.1N solution in Toluene/Methanol, pure	100mL	429101000		
Potassium tert-pentoxide, 1M (15%) solution in Cyclohexane	100mL	164721000	800mL	164728000
Potassium tri-sec-butylborohydride, 1M solution in THF	100mL	205471000	800mL	205478000
Potassium triethylborohydride, 1M solution in THF	100mL	200041000	800mL	200048000
Potassium triisopropoxyborohydride, 1M solution in THF	100mL	189181000	800mL	189188000
1-Propanephosphonic acid cyclic anhydride, 50 wt.% solution in dimethylformamide	100mL	429111000		
1-Propanephosphonic acid cyclic anhydride, 50 wt.% solution in ethyl acetate	100mL	429311000		
Propargyl bromide, 80 wt% solution in toluene, stabilized	100mL	429121000		
1-Propenylmagnesium bromide solution 0.5M in tetrahydrofuran	100mL	434671000	800mL	434678000
Propionaldehyde, 99+%	100mL	427211000		
(±)-Propylene oxide, 99.5%	100mL	430861000	800mL	430868000
4-n-Propylphenylmagnesium bromide solution 0.5M in tetrahydrofuran	50mL	431680500		
1-Propynylmagnesium bromide, 0.5M solution in THF	100mL	426071000	800mL	426078000
2-Pyridylzinc bromide, 0.5 M solution in tetrahydrofuran	50mL	433630500		
[2-(1-Pyrrolidinylmethyl)phenyl]magnesium bromide solution 0.25M in tetrahydrofuran	50mL	431650500		
[3-(1-Pyrrolidinylmethyl)phenyl]magnesium bromide solution 0.25M in tetrahydrofuran	50mL	431660500		
[4-(1-Pyrrolidinylmethyl)phenyl]magnesium bromide solution 0.25M in tetrahydrofuran	50mL	431670500		
Samarium(II) iodide, 0.1M solution in THF, stabilized with Samarium powder	100mL	294991000		
Silicon tetrachloride solution, 1M solution in methylene chloride	100mL	428761000		
Sodium acetylide, 18 wt. % slurry in xylene	100mL	430701000	800mL	430708000
Sodium benzyloxide solution 1M in benzyl alcohol	100mL	433551000		
Sodium bis(2-methoxyethoxy)aluminum hydride solution 3.5M (70 wt. %) in toluene	100mL	430911000	800mL	430918000
Sodium bis(trimethylsilyl)amide, 2M solution in THF, pure	100mL	277851000	800mL	277858000
Sodium borohydride, 0.5M solution in diglyme	100mL	191131000		
Sodium borohydride, 12% solution in 40% aq. sodium hydroxide solution	100mL	429131000		
Sodium cyanoborohydride, 1M Solution in THF	100mL	372451000	800mL	372458000
Sodium cyclopentadienylide 2M in tetrahydrofuran	100mL	406131000	800mL	406138000
Sodium ethoxide, 21% in ethanol	100mL	429301000	800mL	429308000
Sodium methoxide, 0.5M solution in methanol	100mL	427221000	800mL	427228000
Sodium methoxide, 5.4M (30 wt%) in methanol	100mL	428361000	800mL	428368000
Sodium pentamethylcyclopentadienide solution 0.5M in tetrahydrofuran	100mL	433671000		
Sodium tert-pentoxide, 2.5M (30 wt%) solution in THF	100mL	390151000	800mL	390158000
Sodium tri-sec-butylborohydride, 1M solution in tetrahydrofuran	100mL	429141000		
Sodium triethylborohydride, 1M solution in THF	100mL	200031000	800mL	200038000
Sodium trimethyl silanolate, 1M solution in dichloromethane	100mL	428841000	800mL	428848000
Sodium trimethyl silanolate, 1M solution in THF	100mL	428831000	800mL	428838000
Succinyl chloride, 95%	100mL	430801000		
Sulfuryl chloride, 1M solution in dichloromethane	100mL	378151000	800mL	378158000
Tebbe reagent, 0.5M solution in toluene	100mL	426061000		
Tetrabutylammonium fluoride solution 1M in tetrahydrofuran	100mL	433511000		
Tetrabutylammonium hydroxide, 1M solution in methanol	100mL	428951000		



Product Description	Pack Size	Part Number	Pack Size	Part Number
Tetrabutylammonium phosphate monobasic solution 0.4M in acetonitrile	100mL	435991000		
Tetraethyl orthosilicate	100mL	420361000	1L	420360010
4-(2-Tetrahydro-2H-pyranoxy)phenylmagnesium bromide solution 0.5M in tetrahydrofuran	50mL	431640500		
Tetraisobutylaluminum solution 10 wt. % in toluene	100mL	435981000	800mL	435988000
N,N,N',N'-Tetramethylethylenediamine 99.5%, purified by redistillation	100mL	433831000		
Tetrazole solution reagent grade, 3 wt. % in acetonitrile	100mL	432991000	1L	432990010
2-Thienylmagnesium bromide solution 1M in tetrahydrofuran	50mL	434610500		
3-Thienylmagnesium iodide solution 0.3 M in tetrahydrofuran	50mL	433650500		
4-Thioanisolemagnesium bromide, 0.5M solution in THF	100mL	399071000		
Thionyl chloride, 1M solution in dichloromethane	100mL	387721000	800mL	387728000
Thiophenol, 99%	100mL	430721000		
Thiophosgene, 97%	100mL	426441000		
Tin(IV) chloride, 1M solution in dichloromethane	100mL	378201000	800mL	378208000
Tin(IV) chloride solution 1M in heptane	100mL	428341000		
Titanium(III) chloride, 20% w/w solution in 2N Hydrochloric acid	100mL	429151000		
Titanium(IV) chloride, 1M solution in dichloromethane	100mL	377741000	800mL	377748000
Titanium(IV) chloride, 1M solution in toluene	100mL	378161000	800mL	378168000
Titanium(IV) chloride solution 0.09M in 20% HCl	100mL	428351000		
p-Toluenesulfonyl isocyanate, 96%	100mL	430761000		
o-Tolylmagnesium bromide, 2M solution In Diethyl Ether	100mL	427471000	800mL	427478000
p-Tolylmagnesium bromide, ca. 0.4M(10%) solution in diethyl ether	100mL	426761000	800mL	426768000
o-Tolylmagnesium chloride, 1.4M (22 wt.%) Solution In THF/Toluene	100mL	427481000	800mL	427488000
p-Tolylmagnesium chloride, 2M (31 wt.%) solution in THF	100mL	382721000	800mL	382728000
m-Tolylmagnesium chloride solution 1M in tetrahydrofuran	100mL	435971000	800mL	435978000
Tri-n-butylaluminium, 0.7M solution in heptane	100mL	377801000	800mL	377808000
Tributylborane, 1M solution in THF	100mL	177101000	800mL	177108000
Tributyl borate, 98%	100mL	428661000	800mL	428668000
Tri-n-butylphosphine, 95%	100mL	427301000	800mL	427308000
Tricyclohexylphosphine, 1M solution in THF	100mL	427831000		
Tricyclohexylphosphine, 1M solution in toluene	100mL	428421000		
Triethylaluminium, 0.6M solution in heptane	100mL	381171000	800mL	381178000
Triethylaluminium, 1.3M solution in heptane	100mL	377291000	800mL	377298000
Triethylborane, 1M solution in THF	100mL	176981000	800mL	176988000
Triethyl borate, 97%	100mL	428651000	800mL	428658000
Triethyl orthoformate, 98%, extra dry	100mL	429271000	800mL	429278000
Triethyloxonium tetrafluoroborate, 1M solution in methylene chloride	100mL	429161000		
(Trifluoromethyl)trimethylsilane, 0.5M solution in THF	100mL	429171000		
3,4,5-Trifluorophenylmagnesium bromide solution 0.3M in tetrahydrofuran	100mL	433601000		
Triisobutylaluminium, 1.1M solution in toluene	100mL	185421000	800mL	185428000
Triisopropyl borate, 98+%	100mL	427141000	800mL	427148000
3,4,5-Trimethoxyphenylmagnesium bromide solution 0.5M in tetrahydrofuran	100mL	431541000		
Trimethylaluminium, 1M solution in heptane	100mL	189271000	800mL	189278000
Trimethylamine, 1M solution in THF	100mL	388371000	800mL	388378000
Trimethylamine, 33 wt.% solution in ethanol, pure	100mL	429181000		
Trimethyl borate, 99%	100mL	346121000	800mL	346128000
Trimethylboroxine, 3.5M (50 wt. %) solution in THF	100mL	429191000		
Trimethyl orthoformate, 99+%, extra dry	100mL	429281000		
(Trimethylsilyl)diazomethane, approx. 2M solution in diethyl ether	100mL	429201000		



Product Description	Pack Size	Part Number	Pack Size	Part Number
(Trimethylsilyl)diazomethane, ca. 2M solution in hexanes, tech.	100mL	429211000		
(Trimethylsilyl)methyl lithium, 0.8M (12 Wt%) solution In Hexanes	100mL	377451000	800mL	377458000
(Trimethylsilyl)methylmagnesium chloride, 1.3M solution in THF	100mL	377461000	800mL	377468000
Trimethyltin Chloride, 1M (20 wt.%) solution In THF	100mL	427851000		
Trimethyltin Chloride, 1M (25 wt.%) solution in Hexanes	100mL	427861000		
Trimethyltin chloride, 1M solution in methylene chloride	100mL	428711000		
Trioctylphosphine, Technical Grade, 90%	100mL	436461000		
Tri-n-propylaluminium, 0.7M solution in heptane	100mL	377811000	800mL	377818000
Vanadium(III) chloride-tetrahydrofuran complex (1:3) solution 0.5M in methylene chloride	100mL	433661000	800mL	433668000
Vinyl bromide, 1M solution in THF	100mL	428771000	800mL	428778000
Vinylmagnesium bromide, 0.7M solution in THF	100mL	209391000	800mL	209398000
Vinylmagnesium chloride, 1.9M (15 wt. %) solution in THF	100mL	252591000	800mL	252598000
Vinyltrimethoxysilane 97%	100mL	433061000	1L	433060010
Zinc chloride, 0.7M solution in THF	100mL	389451000	800mL	389458000
Zinc chloride, 1M solution in diethyl ether	100mL	370051000	800mL	370058000
Zinc Chloride, 2M solution in 2-methyltetrahydrofuran	100mL	428561000	800mL	428568000
Zirconium(IV) propoxide, solution in propanol, ca. 70%	100mL	427931000	800mL	427938000

HOW TO PROPERLY USE THE ACROSEAL SYSTEM

How to select the right needle

- Use a clean and dry 18-24 gauge needle

How to properly puncture the septum

- Ensure the proper personal protective equipment is used
- Always carry out in an inert atmosphere
- Never puncture through the same spot

How to withdraw a large amount of material: the cap design allows the user to easily access larger quantities of material.

- Place the entire bottle in a glove box, and establish an inert atmosphere
- Unscrew the gray closure (this will require some force)
- Remove the desired amount of the material from the bottle
- Screw the gray closure onto the bottle. Tighten it until the gap between the bottle and the bottom of the gray closure is roughly 1/8 inch (or 3mm).
- Tilt bottle and check for leaks

How to store the product after use

- Replace the red cap and tighten it by hand
- Store according to the recommendation on the product label.
- Store in an upright position

HOW TO REPLACE THE SEPTUM

Selection of the septum

- Select the appropriate septum from the two options below:
 - Teflon/silicon/Teflon (gray) – product number 434570100
 - Butyl rubber/Teflon (red) – product number 434560100

Removal of the septum

- Place the bottle and the replacement septum in a glove box, and establish an inert atmosphere
- Remove the gray closure (this will require some force)
- Unscrew the red over-cap from the gray closure
- Carefully support the body of the gray closure and slowly press out the septum from the top.

Installation of a new septum:

- Carefully insert the new septum into the gray closure
 - For the butyl rubber/Teflon septum, ensure the gray (Teflon) side is facing the reagent when closed
 - For the Teflon/Silicon/Teflon, either side is okay
- Use a blunt object to firmly run around the circumference of the septum until it is properly seated
- Screw the gray closure onto the bottle and tighten until the gap between the bottle and the bottom of the gray closure is roughly 1/8 inch (or 3mm).
- Tilt bottle and check for leaks

Although the AcroSeal septum is designed to re-seal after puncturing with a needle, for best performance, it is advised to never puncture through the same spot.

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