

AcroSeal Packaging

Your solution for air- and moisture-sensitive reagents

Extra dry solvents
Deuterated solvents
Organometallic compounds
Reagents in solution
Organics

Introduction

Since the launch of AcroSeal™ packaging we have introduced a new septum, which helps preserve product quality for longer. In addition, our AcroSeal portfolio has been expanded to include a broad range of solvents, organometallics, reagents in solution and organic compounds. In this brochure we have categorized our products under chemical families to make it easier to locate the product you need.

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Introduction

AcroSeal packaging: drier reagents for longer

When using air- and moisture-sensitive solvents and reagents, it is essential that these products are not only as dry as possible when you first use them, but they should remain dry in storage as well. Through the innovative quadrant-style screw cap and specially designed septum, AcroSeal packaging ensures that you have access to high-quality and low-moisture products every use, guaranteeing improved yield and consistency of your research experiments while reducing chemical waste.

AcroSeal packaging highlights

New septum developed from a polymeric elastomer with an inert fluoropolymer-coated surface, preserves product quality for longer with better re-seal around needle punctures.



Red butyl rubber septum is used on our organometallics, reagents in solution and organics products because it provides excellent chemical resistance to these products.



Adhesive-free septum reduces the risk of contamination.

Multiple screw thread windings in the inner septum holding cap minimize the risk of moisture ingress between cap and bottle.

Inner septum holding cap rim design supports and stretches the septum, reducing the risk of bulging or deformation.



Large surface area allows easier access for a second needle to replace the nitrogen blanket during use and prevents the need to puncture the same spot twice.



Cushioning liner in outer protective cap re-seals perfectly even after the septum has been pierced multiple times.



Tamper-evident seal indicates if the product has already been opened.

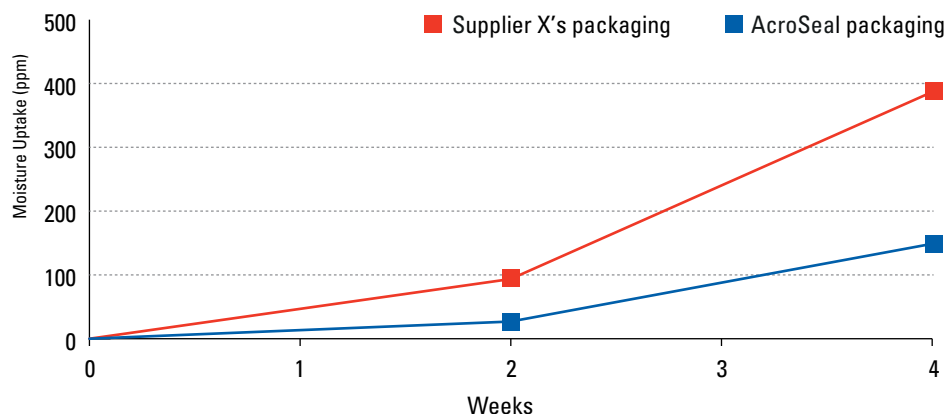
Easy cap removal ensures effortless access to large volumes of product.



Introduction

AcroSeal packaging performance

Figure 1: Moisture uptake of Tetrahydrofuran packaged in AcroSeal packaging versus supplier X's packaging



A four-week analysis was undertaken to measure the water uptake of Tetrahydrofuran packaged in AcroSeal packaging versus supplier X's packaging. Our results demonstrate that the rate of moisture uptake was reduced by more than 50% for Tetrahydrofuran packaged in AcroSeal packaging when compared to supplier X's packaging.



Related resource

AcroSeal video

This video highlights how you can use our unique AcroSeal packaging to keep your air- and moisture-sensitive solvents and reagents drier for longer.

View the video at www.fishersci.com/AcroSeal

NEW 25mL AcroSeal packaging

AcroSeal packaging is available for a wide choice of products and in a range of convenient pack sizes, including the **new 25mL AcroSeal packaging size**.

Designed for your convenience, the 25mL pack size meets your needs for applications where small research-scale quantities of extra dry solvents are required. The new 25mL packaging expands our AcroSeal portfolio to better meet your chemistry needs. For a full list of all the AcroSeal products available in 25mL packaging see pages 5-7.



Solvents

Solvents

Our range includes extra dry solvents for moisture-sensitive applications, solvents for biochemistry and some of the most commonly used deuterated solvents. Deuterated solvents in AcroSeal packaging offer a low cost alternative to ampule packaging and reduce the hazards associated with handling ampules.

We offer extra dry solvents in three different grades:

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

Extra dry solvents

Compound	Standard grade		Molecular sieves grade		Supreme grade		CAS no.
	Product code	Pack size	Product code	Pack size	Product code	Pack size	
Acetone, 99.8%					AC326801000 AC326800010	100mL 1L	67-64-1
Acetonitrile, 99.9%	AC610221000 AC610220010	100mL 1L	AC364311000 AC364315000 AC364310010 AC364310025	100mL 500mL 1L 2.5L	AC326811000 AC326810010 AC326810025 AC448391000	100mL 1L 2.5L 4 x 25mL	75-05-8
Anisole, 99%					AC429251000 AC429250010	100mL 1L	100-66-3
Benzyl alcohol, 98+%					AC396881000 AC396880010	100mL 1L	100-51-6
Bis(2-methoxyethyl) ether, 99+%					AC397211000 AC397210010	100mL 1L	111-96-6
1-Butanol, 99+%					AC398961000 AC398960010	100mL 1L	71-36-3
1-Butanol, 99.4%	AC610251000	100mL					71-36-3
sec-Butanol, 99%	AC610261000 AC610260010	100mL 1L					78-92-2
2-Butanone, 99.5%					AC396951000 AC396950010	100mL 1L	78-93-3
n-Butyl acetate, 99+%					AC429231000 AC429230010	100mL 1L	123-86-4
tert-Butyl methyl ether, 99.0%	AC610271000	100mL					1634-04-4
tert-Butyl methyl ether, 99+%			AC375221000 AC375220010	100mL 1L	AC375211000 AC375210010	100mL 1L	1634-04-4
Chlorobenzene, 99.8%					AC396971000 AC396970010	100mL 1L	108-90-7
1-Chlorobutane, 99.5%					AC433821000 AC433820010	100mL 1L	109-69-3
Chloroform, 99.9%, stabilized	AC610281000	100mL	AC364321000 AC364320010	100mL 1L	AC326821000 AC326820010 AC326820025	100mL 1L 2.5L	67-66-3
Cyclohexane, 99.5%	AC610291000	100mL	AC364661000 AC364660010 AC364660025	100mL 1L 2.5L	AC326831000 AC326830010 AC326830025	100mL 1L 2.5L	110-82-7
Cyclopentane, 95+%					AC397681000 AC397680010	100mL 1L	287-92-3
Cyclopentyl methyl ether, 99.5%, stabilized					AC397251000 AC397250010	100mL 1L	5614-37-9
Decahydronaphthalene, 99%, mixture of cis and trans					AC406171000 AC406170010	100mL 1L	91-17-8
Decane, 99%					AC434601000 AC434600010	100mL 1L	124-18-5
Di-n-butyl ether, 99+%					AC396911000 AC396910010 AC396910025	100mL 1L 2.5L	142-96-1
1,2-Dichlorobenzene, 98+%					AC396961000 AC396960010	100mL 1L	95-50-1
1,2-Dichloroethane, 99.8%					AC326841000 AC326840010 AC326840025	100mL 1L 2.5L	107-06-2
Dichloromethane, 99.9%, stabilized			AC348461000 AC348465000 AC348460010 AC348460025	100mL 500mL 1L 2.5L	AC326851000 AC326850010 AC326850025 AC448371000	100mL 1L 2.5L 4 x 25mL	75-09-2
Dichloromethane, 99.9%	AC610300010	1L					75-09-2
Diethoxymethane, 99+% , stabilized			AC443051000	100mL			462-95-3
Diethyl ether, 99.5%, stabilized			AC364331000 AC364335000 AC364330010 AC364330025	100mL 500mL 1L 2.5L	AC326861000 AC326860010 AC326860025 AC448421000	100mL 1L 2.5L 4 x 25mL	60-29-7
N,N-Dimethylacetamide, 99.5%			AC375231000 AC375230010	100mL 1L	AC396351000 AC396350010 AC396350025	100mL 1L 2.5L	127-19-5
N,N-Dimethylacetamide, 99.8%	AC610311000	100mL					127-19-5
Dimethyl carbonate, 99+%					AC428731000 AC428730010	100mL 1L	616-38-6

Solvents

Extra dry solvents

Compound	Standard grade		Molecular sieves grade		Supreme grade		CAS no.
	Product code	Pack size	Product code	Pack size	Product code	Pack size	
N,N-Dimethylformamide, 99.8%	AC610321000 AC610320010	100mL 1L	AC348431000 AC348435000 AC348430010 AC348430025	100mL 500mL 1L 2.5L	AC326871000 AC326870010 AC326870025 AC448381000	100mL 1L 2.5L 4 x 25mL	68-12-2
1,4-Dioxane, 99.5%			AC364341000 AC364340010 AC364340025	100mL 1L 2.5L			123-91-1
1,4-Dioxane, 99.8%, stabilized	AC615121000 AC615120010 AC615161000	100mL 1L 100mL			AC326891000 AC326890010 AC326890025	100mL 1L 2.5L	123-91-1
1,3-Dioxolane, 99.8%, stabilized with 75 ppm BHT					AC431561000 AC431560010	100mL 1L	646-06-0
Dodecane, 99%					AC434591000 AC434590010	100mL 1L	112-40-3
Ethanol, 99.5%, absolute					AC397691000 AC397690010 AC397690025	100mL 1L 2.5L	64-17-5
Ethyl acetate, 99.9%	AC610341000	100mL	AC364351000 AC364350010 AC364350025	100mL 1L 2.5L	AC326901000 AC326900010 AC326900025	100mL 1L 2.5L	141-78-6
Ethylbenzene, 99.8%					AC433801000 AC433800010	100mL 1L	100-41-4
Ethylene glycol dimethyl ether, 99%	AC610351000 AC610350010	100mL 1L					110-71-4
Ethyl formate, 98+%					AC429241000	100mL	109-94-4
n-Heptane, 96+%	AC610361000	100mL					142-82-5
n-Heptane, 99+%			AC364361000 AC364360010 AC364360025	100mL 1L 2.5L	AC326911000 AC326910010	100mL 1L	142-82-5
n-Hexadecane, 99%					AC436141000 AC436140010	100mL 1L	544-76-3
n-Hexane, 96+%					AC326921000 AC326922500 AC326920010 AC326920025	100mL 250mL 1L 2.5L	110-54-3
n-Hexane, 97%			AC364371000 AC364370010	100mL 1L			110-54-3
Hexanes, 99.9%, mixture of isomers	AC610371000 AC610370010	100mL 1L					92112-69-1
Hexyl alcohol, 99%					AC433861000 AC433860010	100mL 1L	111-27-3
Isopropanol, 99.5%	AC610431000	100mL	AC364401000 AC364400010 AC364400025	100mL 1L 2.5L			67-63-0
Isopropanol, 99.8%					AC326961000 AC326960010 AC326960025	100mL 1L 2.5L	67-63-0
Methanol, 99.8%	AC610981000 AC610400010	100mL 1L	AC364391000 AC364395000 AC364390010 AC364390025	100mL 500mL 1L 2.5L	AC448411000	4 x 25mL	67-56-1
Methanol, 99.9%					AC326951000 AC326950010 AC326950025	100mL 1L 2.5L	67-56-1
2-Methoxyethanol, 99+%					AC396891000 AC396890010	100mL 1L	109-86-4
Methyl acetate, 99+%					AC371831000 AC371830010 AC371830025	100mL 1L 2.5L	79-20-9
2-Methylbutane, 99%					AC397221000 AC397220010	100mL 1L	78-78-4
3-Methyl-1-butanol, 99%					AC433871000 AC433870010	100mL 1L	123-51-3
Methylcyclohexane, 98%					AC397241000 AC397240010	100mL 1L	108-87-2
2-Methyl-1-propanol, 99%					AC398951000 AC398950010	100mL 1L	78-83-1
1-Methyl-2-pyrrolidinone, 99.5%	AC610411000	100mL	AC364381000 AC364380010 AC364380025	100mL 1L 2.5L	AC326931000 AC326930010 AC326930025	100mL 1L 2.5L	872-50-4
Methyl sulfoxide, 99.7%	AC610421000 AC610420010 AC610971000	100mL 1L 100mL	AC348441000 AC348445000 AC348440010 AC348440025	100mL 500mL 1L 2.5L	AC326881000 AC326880010 AC326880025	100mL 1L 2.5L	67-68-5
2-Methyltetrahydrofuran, 99+%, stabilized			AC396631000 AC396630010	100mL 1L	AC396621000 AC396620010 AC396620025	100mL 1L 2.5L	96-47-9
2-Methyltetrahydrofuran, 99+%, stabilizer free					AC397200010	1L	96-47-9
n-Nonane, 99%					AC435631000	100mL	111-84-2
n-Octane, 99+%					AC396901000 AC396900010	100mL 1L	111-65-9
1-Octanol, 99%					AC434581000 AC434580010	100mL 1L	111-87-5
n-Pentane, 99+%					AC397231000 AC397230010	100mL 1L	109-66-0

Solvents

Extra dry solvents

Compound	Standard grade		Molecular sieves grade		Supreme grade		CAS no.
	Product code	Pack size	Product code	Pack size	Product code	Pack size	
Petroleum ether, boiling range 40-60°C, water <50 ppm					AC396921000 AC396920010	100mL 1L	64742-49-0
1-Propanol, 99.5%					AC396941000 AC396940010	100mL 1L	71-23-8
Pyridine, 99.0%	AC610991000 AC610440010	100mL 1L					110-86-1
Pyridine, 99.5%			AC364421000 AC364420010 AC364420025	100mL 1L 2.5L	AC339421000 AC339420010 AC339420025	100mL 1L 2.5L	110-86-1
Tetrahydrofuran, 99.5%, stabilized			AC348451000 AC348455000 AC348450010 AC348450025	100mL 500mL 1L 2.5L			109-99-9
Tetrahydrofuran, 99.85%, stabilized					AC326971000 AC326970010 AC326970025 AC448361000	100mL 1L 2.5L 4 x 25mL	109-99-9
Tetrahydrofuran, 99.9%	AC610450010	1L					109-99-9
Tetrahydrofuran, 99.9%, stabilized	AC610911000 AC610900010	100mL 1L					109-99-9
Toluene, 99.8%	AC610951000 AC610460010	100mL 1L					108-88-3
Toluene, 99.85%			AC364411000 AC364415000 AC364410010 AC364410025	100mL 500mL 1L 2.5L	AC326981000 AC326980010 AC326980025 AC448401000	100mL 1L 2.5L 4 x 25mL	108-88-3
2,2,4-Trimethylpentane, 99.5%					AC326941000 AC326940010	100mL 1L	540-84-1
m-Xylene, 99%	AC610471000	100mL			AC158931000 AC158930010	100mL 1L	108-38-3
o-Xylene, 99%					AC443021000 AC443020010	100mL 1L	95-47-6
Xylenes, 98+%, mixed isomers					AC396931000 AC396930010	100mL 1L	1330-20-7

Solvents for biochemistry

Product code	Product name	Pack size	CAS no.
AC447050010 AC447050025	n-Butyl acetate, 99.5%, for biochemistry	1L 2.5L	123-86-4
AC406910010 AC406910025	Dichloromethane, 99.9%, for biochemistry, stabilized with approx. 50 ppm amylene	1L 2.5L	75-09-2
AC447090010 AC447090025	N,N-Dimethylformamide, 99.9%, for biochemistry	1L 2.5L	68-12-2
AC447060010 AC447060025	1,4-Dioxane, 99%, for biochemistry, stabilized	1L 2.5L	123-91-1
AC364240010 AC364240025	Ethyl acetate, 99.8%, for biochemistry	1L 2.5L	141-78-6
AC447070010 AC447070025	n-Heptane, 99%, for biochemistry	1L 2.5L	142-82-5
AC447080010 AC447080025	Isopropanol, 99%, for biochemistry and histology	1L 2.5L	67-63-0
AC124790010 AC124790025	Methanol, 99.9%, for biochemistry	1L 2.5L	67-56-1
AC412721000 AC412720010 AC412720025	3-Methyl-1-butanol, 99%, for biochemistry	100mL 1L 2.5L	123-51-3
AC224131000 AC224130010	2-Pentanone, 99+%, purified by redistillation	100mL 1L	107-87-9
AC447900010 AC447900025	Pyridine, 99.8%, for biochemistry	1L 2.5L	110-86-1
AC447240010 AC447240025	Xylenes, 99%, for biochemistry and histology, mixed isomers with ethylbenzene	1L 2.5L	1330-20-7

Deuterated solvents

Product code	Product name	Pack size	CAS no.
AC217371000	Acetone-d6, for NMR, 99.8 atom% D	100mL	666-52-4
AC217421000	Acetonitrile-d3, for NMR, 99.8 atom% D	100mL	2206-26-0
AC426771000	Chloroform-d, for NMR, 99.8 atom% D	100mL	865-49-6
AC426961000	Chloroform-d, for NMR, contains 0.03 v/v% TMS, 99.8+ atom% D	100mL	865-49-6
AC210601000	Deuterium chloride, for NMR, 1M solution in D2O, 99.8 atom% D	100mL	7698-05-7
AC426931000	Deuterium oxide, for NMR, 99.8 atom% D	100mL	7789-20-0
AC184761000	Deuterium oxide, for NMR, 100 atom% D	100mL	7789-20-0
AC433991000	Dichloromethane-d2, for NMR, 99.5 atom% D	100mL	1665-00-5
AC325351000	Methanol-d4, for NMR, contains 0.03 v/v% TMS, 99.8 atom% D	100mL	811-98-3
AC426951000	Methanol-d4, for NMR, 99.8 atom% D	100mL	811-98-3
AC426941000	Methyl sulfoxide-d6, for NMR, 99.9 atom% D	100mL	2206-27-1
AC434001000	Toluene-d8, for NMR, 99.5 atom% D	100mL	2037-26-5

Organometallics

Organometallics

We offer a wide selection of organometallic compounds including an extensive collection of Grignard reagents but also popular organoaluminiums, organolithiums, organosodiums and organozinc products.

Grignard reagents

Product code	Product name	Pack size	CAS no.
AC209531000 AC209538000	Allylmagnesium bromide, 1M solution in diethyl ether	100mL 800mL	1730-25-2
AC209671000 AC209678000	Allylmagnesium chloride, 1.7M solution in THF	100mL 800mL	2622-05-1
AC389551000 AC389558000	Benzylmagnesium chloride, 1.4M solution in THF	100mL 800mL	6921-34-2
AC440320500	2-Benzyloxyphenylmagnesium bromide, 1M solution in THF	50mL	328000-16-4
AC436221000	4-Benzyloxyphenylmagnesium bromide, 0.8M solution in THF	100mL	120186-59-6
AC431621000	4-Biphenylmagnesium bromide, 0.5M solution in THF	100mL	3315-91-1
AC392151000	3,5-Bis(trifluoromethyl)phenylmagnesium bromide, 0.5M solution in THF	100mL	112981-69-8
AC431611000	2-Bromobenzylmagnesium bromide, 0.25M solution in diethyl ether	100mL	56812-60-3
AC431601000	3-Bromobenzylmagnesium bromide, 0.25M solution in diethyl ether	100mL	107549-22-4
AC427461000 AC427468000	3-Butenylmagnesium bromide, 0.5M solution in THF	100mL 800mL	7103-09-5
AC426971000	n-Butyl-sec-butylmagnesium, 0.7M solution in hexanes	100mL	39881-32-8
AC381181000 AC381188000	n-Butylethylmagnesium, 0.9M solution in heptane	100mL 800mL	62202-86-2
AC331681000 AC331688000	n-Butylmagnesium chloride, 20 wt.% solution in THF/toluene	100mL 800mL	693-04-9
AC331661000	sec-Butylmagnesium chloride, 25 wt.% solution in THF	100mL	15366-08-2
AC394301000 AC394308000	tert-Butylmagnesium chloride, 1.7M solution in diethyl ether	100mL 800mL	677-22-5
AC331671000 AC331678000	tert-Butylmagnesium chloride, 1.7M solution in THF	100mL 800mL	677-22-5
AC432861000	4-tert-Butylphenylmagnesium bromide, 2M solution in diethyl ether	100mL	63488-10-8
AC431990500	3-Chloro-4-fluorophenylmagnesium bromide, 0.5M solution in THF	50mL	413589-34-1
AC432000500	3-Chloro-5-fluorophenylmagnesium bromide, 0.5M solution in THF	50mL	480438-50-4
AC399081000	4-Chloro-3-fluorophenylmagnesium bromide, 0.5M solution in THF	100mL	170793-00-7
AC431980500	4-Chloro-2-methylphenylmagnesium bromide, 0.5M solution in THF	50mL	480438-47-9
AC397491000	3-Chlorophenylmagnesium bromide, 0.5M solution in THF	100mL	36229-42-2
AC377401000 AC377408000	4-Chlorophenylmagnesium bromide, 1M solution in diethyl ether	100mL 800mL	873-77-8
AC377251000 AC377258000	4-Chlorophenylmagnesium bromide, 1M solution in THF/toluene	100mL 800mL	873-77-8
AC431970500	5-Chloro-2-thienylmagnesium bromide, 0.5M slurry in THF	50mL	111762-30-2
AC377341000 AC377348000	Cyclohexylmagnesium chloride, 1.3M solution in THF/toluene	100mL 800mL	931-51-1
AC433611000	Cyclohexylmethylmagnesium bromide, 0.25M solution in THF	100mL	35166-78-0
AC427451000 AC427458000	Cyclopentylmagnesium bromide, 2.0M solution in diethyl ether	100mL 800mL	33240-34-5
AC208461000 AC208468000	Cyclopentylmagnesium chloride, 2M solution in diethyl ether	100mL 800mL	32916-51-1
AC445951000 AC445958000	Cyclopropylmagnesium bromide, 0.5M solution in 2-MeTHF	100mL 800mL	23719-80-4
AC397611000	Cyclopropylmagnesium bromide, 0.5M solution in THF	100mL	23719-80-4
AC377771000 AC377778000	Di-n-butylmagnesium, 0.5M solution in heptane	100mL 800mL	1191-47-5
AC431570500	3,4-Dichlorophenylmagnesium bromide, 0.5M solution in THF	50mL	79175-35-2
AC433010500	3,5-Dichlorophenylmagnesium bromide, 0.5M solution in THF	50mL	82297-90-3
AC399511000	3,4-Difluorophenylmagnesium bromide, 0.5M solution in THF	100mL	90897-92-0
AC427441000	3,5-Difluorophenylmagnesium bromide, 0.5M solution in THF	100mL	62351-47-7
AC431960500	3,5-Dimethyl-4-methoxyphenylmagnesium bromide, 0.5M solution in THF	50mL	185416-17-5
AC431930500	2,3-Dimethylphenylmagnesium bromide, 0.5M solution in THF	50mL	134640-85-0
AC431950500	2,4-Dimethylphenylmagnesium bromide, 0.5M solution in THF	50mL	34589-46-3
AC431920500	2,5-Dimethylphenylmagnesium bromide, 0.5M solution in THF	50mL	30897-86-0
AC436061000 AC436068000	2,6-Dimethylphenylmagnesium bromide, 1M solution in THF	100mL 800mL	21450-64-6
AC431910500	3,4-Dimethylphenylmagnesium bromide, 0.5M solution in THF	50mL	89980-68-7
AC431940500	3,5-Dimethylphenylmagnesium bromide, 0.5M solution in THF	50mL	34696-73-6
AC431900500	(1,3-Dioxan-2-ylethyl)magnesium bromide, 0.5M solution in THF	50mL	480438-44-6
AC438861000 AC438868000	(1,3-Dioxolan-2-ylmethyl)magnesium bromide, 0.5M solution in THF	100mL 800mL	180675-22-3 180675-22-3
AC435951000	(2-Ethylhexyl)magnesium bromide, 1M solution in diethyl ether	100mL	90224-21-8
AC347281000 AC347288000	Ethylmagnesium bromide, 0.9M in tert-butyl methyl ether	100mL 800mL	925-90-6

Organometallics

Grignard reagents

Product code	Product name	Pack size	CAS no.
AC210471000 AC210478000	Ethylmagnesium bromide, 0.9M solution in THF	100mL 800mL	925-90-6
AC347291000 AC347298000	Ethylmagnesium bromide, 3M in diethyl ether	100mL 800mL	925-90-6
AC183531000 AC183538000	Ethylmagnesium bromide, approx. 3.2M solution in 2-MeTHF	100mL 800mL	925-90-6
AC377281000 AC377288000	Ethylmagnesium chloride, 2.0M solution in THF	100mL 800mL	2386-64-3
AC252571000 AC252578000 AC252570024	Ethylmagnesium chloride, 2.7M (25 wt.%) solution in THF	100mL 800mL 2.4L	2386-64-3
AC431890500	4-Ethylphenylmagnesium bromide, 0.5M solution in THF	50mL	22873-28-5
AC439121000 AC439128000	Ethynylmagnesium bromide, 0.5M solution in THF	100mL 800mL	4301-14-8
AC388951000 AC388958000	Ethynylmagnesium chloride, 0.6M solution in THF/toluene	100mL 800mL	65032-27-1
AC426790500	4-Fluorobenzylmagnesium chloride, 0.25M solution in THF	50mL	1643-73-8
AC431870500	3-Fluoro-4-methoxyphenylmagnesium bromide, 0.5M solution in THF	50mL	112780-67-3
AC431880500	5-Fluoro-2-methoxyphenylmagnesium bromide, 0.5M solution in THF	50mL	188132-02-7
AC431850500	3-Fluoro-4-methylphenylmagnesium bromide, 0.5M solution in THF	50mL	185077-02-5
AC431840500	4-Fluoro-2-methylphenylmagnesium bromide, 0.5M solution in THF	50mL	30897-90-6
AC431860500	4-Fluoro-3-methylphenylmagnesium bromide, 0.5M solution in THF	50mL	82297-89-0
AC431830500	5-Fluoro-2-methylphenylmagnesium bromide, 0.5M solution in THF	50mL	186496-59-3
AC433740500	3-Fluoro-2-methylphenylmagnesium chloride, 0.5M solution in THF	50mL	480424-74-6
AC427821000	3-Fluorophenylmagnesium bromide, 1M solution in THF	100mL	17318-03-5
AC377231000 AC377238000	4-Fluorophenylmagnesium bromide, 0.8M solution in THF	100mL 800mL	352-13-6
AC377371000 AC377378000	4-Fluorophenylmagnesium bromide, 2M solution in diethyl ether	100mL 800mL	352-13-6
AC433031000	Heptylmagnesium bromide, 1M solution in diethyl ether	100mL	13125-66-1
AC427761000 AC427768000	Hexylmagnesium bromide, 0.8M solution in THF	100mL 800mL	3761-92-0
AC434681000 AC434688000	Hexylmagnesium chloride, 2M solution in THF	100mL 800mL	44767-62-6
AC427391000 AC427398000	Isobutylmagnesium bromide, 2M solution in diethyl ether	100mL 800mL	926-62-5
AC209521000 AC209528000	Isobutylmagnesium chloride, 2M solution in diethyl ether	100mL 800mL	5674-02-2
AC427751000 AC427758000	Isopropenylmagnesium bromide, 0.5M solution in THF	100mL 800mL	13291-18-4
AC426781000	Isopropylmagnesium bromide, 3M solution in 2-MeTHF	100mL	920-39-8
AC212851000 AC212858000	Isopropylmagnesium chloride, 2.0M solution in THF	100mL 800mL	1068-55-9
AC386281000 AC386288000	Isopropylmagnesium chloride - lithium chloride complex, 1.3M solution in THF	100mL 800mL	745038-86-2
AC431630500	4-Isopropylphenylmagnesium bromide, 0.5M solution in THF	50mL	18620-03-6
AC210731000	2-Mesitylmagnesium bromide, 1M solution in THF	100mL	2633-66-1
AC433730500	2-Methoxybenzylmagnesium chloride, 0.25M solution in THF	50mL	480438-46-8
AC431820500	3-Methoxybenzylmagnesium chloride, 0.25M solution in THF	50mL	26905-40-8
AC427421000	4-Methoxybenzylmagnesium chloride, 0.25M solution in THF	100mL	38769-92-5
AC431810500	4-Methoxy-2-methylphenylmagnesium bromide, 0.5M solution in THF	50mL	148706-30-3
AC431800500	6-Methoxy-2-naphthylmagnesium bromide, 0.5M solution in THF	50mL	38046-82-1
AC440800500	4-Methoxyphenethylmagnesium chloride, 0.5M solution in THF	50mL	211115-05-8
AC426731000 AC426738000	2-Methoxyphenylmagnesium bromide, 1M solution in THF	100mL 800mL	16750-63-3
AC426751000 AC426758000	3-Methoxyphenylmagnesium bromide, 1M solution in THF/toluene	100mL 800mL	36282-40-3
AC377421000 AC377428000	4-Methoxyphenylmagnesium bromide, 1M solution in THF	100mL 800mL	13139-86-1
AC427411000	2-Methylallylmagnesium chloride, 0.5M solution in THF	100mL	5674-01-1
AC433710500	2-Methylbenzylmagnesium chloride, 0.25M solution in THF	50mL	29875-05-6
AC433720500	3-Methylbenzylmagnesium chloride, 0.25M solution in THF	50mL	29875-06-7
AC433700500	4-Methylbenzylmagnesium chloride, 0.5M solution in THF	50mL	29875-07-8
AC438761000	3,4-(Methylenedioxy)phenylmagnesium bromide, 0.8M solution in toluene/THF (50:50)	100mL	17680-04-5
AC446001000 AC446008000	Methylmagnesium bromide, 1M solution in CPME	100mL 800mL	75-16-1
AC377381000 AC377388000	Methylmagnesium bromide, 1M solution in THF	100mL 800mL	75-16-1
AC377331000 AC377338000	Methylmagnesium bromide, 1.4M solution in toluene/THF	100mL 800mL	75-16-1
AC183541000 AC183548000	Methylmagnesium bromide, 3M solution in diethyl ether	100mL 800mL	75-16-1
AC391121000 AC391128000	Methylmagnesium bromide, 3.2M solution in 2-MeTHF	100mL 800mL	75-16-1

Organometallics

Grignard reagents

Product code	Product name	Pack size	CAS no.
AC252561000 AC252568000	Methylmagnesium chloride, 3M (22 wt.%) solution in THF	100mL 800mL	676-58-4
AC427401000 AC427408000	Methylmagnesium iodide, 3M solution in diethyl ether	100mL 800mL	917-64-6
AC433680500	2-Methyl-1-naphthylmagnesium bromide, 0.25M solution in THF	50mL	21450-90-8
AC433690500	4-Methyl-1-naphthylmagnesium bromide, 0.25M solution in THF	50mL	115913-58-1
AC438751000 AC438758000	2-Methyl-2-phenylpropylmagnesium chloride, 0.5M solution in diethyl ether	100mL 800mL	35293-35-7
AC436021000 AC436028000	1-Methyl-1-propenylmagnesium bromide, 0.5M solution in THF	100mL 800mL	85676-85-3
AC435561000 AC435568000	2-Methyl-1-propenylmagnesium bromide, 0.5M solution in THF	100mL 800mL	38614-36-7
AC431780500	3-Methyl-2-thienylmagnesium bromide, 0.5M solution in THF	50mL	95184-07-9
AC431750500	[2-(4-Morpholinylmethyl)phenyl]magnesium bromide, 0.25M solution in THF	50mL	480424-77-9
AC431760500	[3-(4-Morpholinylmethyl)phenyl]magnesium bromide, 0.25M solution in THF	50mL	480424-76-8
AC431770500	[4-(4-Morpholinylmethyl)phenyl]magnesium bromide, 0.25M solution in THF	50mL	480424-75-7
AC384121000	1-Naphthylmagnesium bromide, 0.25M solution in THF	100mL	703-55-9
AC431740500	2-Naphthylmagnesium bromide, 0.5M solution in THF	50mL	21473-01-8
AC440781000	Nonylmagnesium bromide, 1M solution in diethyl ether	100mL	39691-62-8
AC436011000 AC436018000	Octadecylmagnesium chloride, 0.3M solution in THF	100mL 800mL	116980-66-6
AC427811000 AC427818000	Octylmagnesium bromide, 2M solution in diethyl ether	100mL 800mL	17049-49-9
AC428031000 AC428038000	Octylmagnesium chloride, 1.4M solution in THF	100mL 800mL	38841-98-4
AC436160500	Pentadecylmagnesium bromide, 0.5M solution in THF	50mL	78887-70-4
AC438741000	Pentafluorophenylmagnesium bromide, 0.5M solution in diethyl ether	100mL	879-05-0
AC436001000	Pentamethylenebis(magnesium bromide), 0.5M solution in THF	100mL	23708-48-7
AC435551000 AC435558000	Pentylmagnesium bromide, 2M solution in diethyl ether	100mL 800mL	693-25-4
AC436211000 AC436218000	Pentylmagnesium chloride, 1.3M solution in THF	100mL 800mL	6393-56-2
AC431730500	9-Phenanthrylmagnesium bromide, 0.5M solution in THF	50mL	71112-64-6
AC427801000 AC427808000	Phenethylmagnesium chloride, 1M solution in THF	100mL 800mL	90878-19-6
AC431720500	4-Phenoxyphenylmagnesium bromide, 0.5M solution in THF	50mL	21473-02-9
AC431710500	[2-(1-Piperidinylmethyl)phenyl]magnesium bromide, 0.25M solution in THF	50mL	480424-81-5
AC431700500	[3-(1-Piperidinylmethyl)phenyl]magnesium bromide, 0.25M solution in THF	50mL	480424-82-6
AC431690500	[4-(1-Piperidinylmethyl)phenyl]magnesium bromide, 0.25M solution in THF	50mL	480424-83-7
AC434671000 AC434678000	1-Propenylmagnesium bromide, 0.5M solution in THF	100mL 800mL	14092-04-7
AC208451000 AC208458000	Propylmagnesium chloride, 2M solution in diethyl ether	100mL 800mL	2234-82-4
AC431680500	4-n-Propylphenylmagnesium bromide, 0.5M solution in THF	50mL	87942-08-3
AC426071000 AC426078000	1-Propynylmagnesium bromide, 0.5M solution in THF	100mL 800mL	16466-97-0
AC431650500	[2-(1-Pyrrolidinylmethyl)phenyl]magnesium bromide, 0.25M solution in THF	50mL	480424-80-4
AC431660500	[3-(1-Pyrrolidinylmethyl)phenyl]magnesium bromide, 0.25M solution in THF	50mL	480424-79-1
AC431670500	[4-(1-Pyrrolidinylmethyl)phenyl]magnesium bromide, 0.25M solution in THF	50mL	480424-78-0
AC431640500	4-(2-Tetrahydro-2H-pyranoxyl)phenylmagnesium bromide, 0.5M solution in THF	50mL	36637-44-2
AC434610500	2-Thienylmagnesium bromide, 1M solution in THF	50mL	5713-61-1
AC433650500	3-Thienylmagnesium iodide, 0.3M solution in THF	50mL	172035-86-8
AC399071000	4-Thioanisolemagnesium bromide, 0.5M solution in THF	100mL	18620-04-7
AC427471000 AC427478000	o-Tolylmagnesium bromide, 2M solution in diethyl ether	100mL 800mL	932-31-0
AC426761000 AC426768000	p-Tolylmagnesium bromide, approx. 0.5M solution in diethyl ether	100mL 800mL	4294-57-9
AC435971000 AC435978000	m-Tolylmagnesium chloride, 1M solution in THF	100mL 800mL	121905-60-0
AC427481000 AC427488000	o-Tolylmagnesium chloride, 1.4M (22 wt.%) solution in THF/toluene	100mL 800mL	33872-80-9
AC382721000 AC382728000	p-Tolylmagnesium chloride, 2M (31 wt.%) solution in THF	100mL 800mL	696-61-7
AC433601000	3,4,5-Trifluorophenylmagnesium bromide, 0.3M solution in THF	100mL	156006-28-9
AC431541000	3,4,5-Trimethoxyphenylmagnesium bromide, 0.5M solution in THF	100mL	156006-28-9
AC377461000 AC377468000	(Trimethylsilyl)methylmagnesium chloride, 1.3M solution in THF	100mL 800mL	13170-43-9
AC209391000 AC209398000	Vinylmagnesium bromide, 0.7M solution in THF	100mL 800mL	1826-67-1
AC445971000 AC445978000	Vinylmagnesium bromide, 1M solution in 2-MeTHF	100mL 800mL	1826-67-1
AC252591000 AC252598000	Vinylmagnesium chloride, 1.9M (16.5 wt.%) solution in THF	100mL 800mL	3536-96-7

Organometallics

Organoaluminiums

Product code	Product name	Pack size	CAS no.
AC381151000 AC381158000	Diethylaluminium chloride, 0.9M solution in toluene	100mL 800mL	96-10-6
AC199521000 AC199528000	Diethylaluminium chloride, 1M solution in hexanes	100mL 800mL	96-10-6
AC381161000 AC381168000	Diethylaluminium iodide, 0.9M solution in toluene	100mL 800mL	2040-00-8
AC185471000 AC185478000	Diethylaluminium iodide, 1.1M solution in toluene	100mL 800mL	2040-00-8
AC377561000 AC377568000	Diisobutylaluminium chloride, 0.8M solution in heptane	100mL 800mL	1779-25-5
AC377791000 AC377798000	Dimethylaluminium chloride, 0.9M solution in heptane	100mL 800mL	1184-58-3
AC185451000 AC185458000	Ethylaluminium dichloride, 0.9M solution in heptane	100mL 800mL	563-43-9
AC428041000 AC428048000	Ethylaluminium dichloride, 1.8M solution in toluene	100mL 800mL	563-43-9
AC185461000 AC185468000	Ethylaluminium sesquichloride, 0.4M solution in hexanes	100mL 800mL	12075-68-2
AC435981000 AC435988000	Tetraisobutyldialuminoxane, 10 wt.% solution in toluene	100mL 800mL	998-00-5
AC381171000 AC381178000	Triethylaluminium, 0.6M solution in heptane	100mL 800mL	97-93-8
AC377291000 AC377298000	Triethylaluminium, 1.3M solution in heptane	100mL 800mL	97-93-8
AC185421000 AC185428000	Triisobutylaluminium, 1.1M solution in toluene	100mL 800mL	100-99-2
AC189271000 AC189278000	Trimethylaluminium, 1.0M solution in heptane	100mL 800mL	75-24-1
AC377558000	Tri-n-octylaluminium, 0.3M solution in heptane	800mL	1070-00-4

Organolithiums

Product code	Product name	Pack size	CAS no.
AC181271000 AC181275000 AC181278000	n-Butyllithium, 1.6M solution in hexanes	100mL 500mL 800mL	109-72-8
AC377491000 AC377498000	n-Butyllithium, 2.2M solution in cyclohexane	100mL 800mL	109-72-8
AC213351000 AC213358000	n-Butyllithium, 2.5M solution in hexanes	100mL 800mL	109-72-8
AC378931000 AC378938000	n-Butyllithium, 2.6M solution in toluene	100mL 800mL	109-72-8
AC187541000 AC187548000	sec-Butyllithium, 1.3M solution in cyclohexane/hexane (92/8)	100mL 800mL	598-30-1
AC396541000 AC396548000	tert-Butyllithium, 1.9M solution in pentane	100mL 800mL	594-19-4
AC445921000	tert-Butyllithium, 18% solution in heptane	100mL	594-19-4
AC301651000 AC301658000	n-Hexyllithium, 33 wt.% solution in n-hexane	100mL 800mL	21369-64-2
AC377591000 AC377598000	Isobutyllithium, 1.6M solution in heptane	100mL 800mL	920-36-5
AC439881000	Lithium acetylide ethylenediamine complex, 25 wt.% slurry in toluene	100mL	6867-30-7
AC380651000 AC380658000	Lithium (trimethylsilyl)acetylide, 0.5M solution in THF	100mL 800mL	54655-07-1
AC188751000 AC188758000	Methylolithium, 1.6M solution in diethyl ether (\pm 5% w/v)	100mL 800mL	917-54-4
AC445841000 AC445848000	Methylolithium, 3% solution in 2-MeTHF/cumene	100mL 800mL	917-54-4
AC181291000 AC181298000	Methylolithium-lithium bromide complex, 2.2M solution in diethyl ether	100mL 800mL	332360-06-2
AC365151000 AC365155000 AC365158000	Phenyllithium, 2.0M solution (20%) in dibutyl ether	100mL 500mL 800mL	591-51-5
AC377451000 AC377458000	(Trimethylsilyl)methylolithium, 0.7M (10 wt.%) solution in hexanes	100mL 800mL	1822-00-0

Organometallics

Organosodiums

Product code	Product name	Pack size	CAS no.
AC430701000	Sodium acetylide, 18 wt.% slurry in xylene	100mL	1066-26-8
AC430708000		800mL	

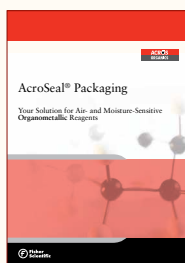
Organotins

Product code	Product name	Pack size	CAS no.
AC428711000	Trimethyltin chloride, 1M solution in methylene chloride	100mL	1066-45-1
AC427851000	Trimethyltin chloride, 1M (20 wt.%) solution in THF	100mL	1066-45-1
AC427861000	Trimethyltin chloride, 1M (25 wt.%) solution in hexanes	100mL	1066-45-1

Organozincs

Product code	Product name	Pack size	CAS no.
AC432820500	Cyclopropylzinc bromide, 0.5M solution in THF	50mL	126403-68-7
AC205511001	Diethylzinc, 1M solution in hexanes	100mL	557-20-0
AC205518000		800mL	
AC377311000	Diethylzinc, 1.5M solution in toluene	100mL	557-20-0
AC377318000		800mL	
AC377241000	Dimethylzinc, 1.2M solution in toluene	100mL	544-97-8
AC377248000		800mL	
AC433640500	4-Fluorobenzylzinc chloride, 0.5M solution in THF	50mL	312693-07-5
AC436080500	Methylzinc chloride, 2M solution in THF	50mL	5158-46-3
AC433630500	2-Pyridylzinc bromide, 0.5M solution in THF	50mL	218777-23-2

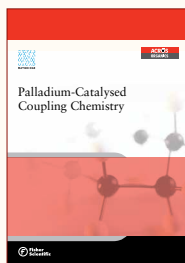
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Amines

Product code	Product name	Pack size	CAS no.
AC368381000	Ammonia, 0.5M solution in 1,4-dioxane	100mL	7664-41-7
AC368380010		1L	
AC388441000	Ammonia, 0.5M solution in THF	100mL	7664-41-7
AC368391000	Ammonia, 2M solution in methanol	100mL	7664-41-7
AC368398000		800mL	
AC428381000	Ammonia, approx. 7N solution in methanol	100mL	7664-41-7
AC428388000		800mL	
AC370261000	Dimethylamine, 2M solution in methyl alcohol	100mL	124-40-3
AC370268000		800mL	
AC388381000	Dimethylamine, 2M solution in THF	100mL	124-40-3
AC388388000		800mL	
AC370251000	Ethylamine, 2M solution in THF	100mL	75-04-7
AC370258000		800mL	
AC396731000	Methylamine, 33 wt.% solution in absolute ethanol	100mL	74-89-5
AC396738000		800mL	
AC368551000	Methylamine, pure, 2M solution in methanol	100mL	74-89-5
AC368558000		800mL	
AC368491000	Methylamine, pure, 2M solution in THF	100mL	74-89-5
AC368498000		800mL	
AC429181000	Trimethylamine, 33 wt.% solution in ethanol	100mL	75-50-3
AC388371000	Trimethylamine, 1M solution in THF	100mL	75-50-3
AC388378000		800mL	

Boranes

Product code	Product name	Pack size	CAS no.
AC165811000	9-Borabicyclo[3.3.1]nonane, 0.5M solution in THF	100mL	280-64-8
AC165818000		800mL	
AC428801000	9-Borabicyclo[3.3.1]nonyl trifluoromethanesulfonate, 0.5M solution in diethyl ether	100mL	62731-43-5
AC224781000	9-Borabicyclo[3.3.1]nonyl trifluoromethanesulfonate, 0.5M solution in hexanes	100mL	62731-43-5
AC185611000	Borane-methyl sulfide complex, 1M solution in methylene chloride	100mL	13292-87-0
AC185061000	Borane-methyl sulfide complex, 5M solution in diethyl ether	100mL	13292-87-0
AC177061000	Borane-methyl sulfide complex, 94%	100mL	13292-87-0
AC177068000		800mL	
AC185071000	Borane-methyl sulfide complex, 2M solution in THF	100mL	13292-87-0
AC185078000		800mL	
AC186961000	Borane-methyl sulfide complex, 2M solution in toluene	100mL	13292-87-0
AC186968000		800mL	
AC427131000	Borane-pyridine complex, 95%, (approx. 9.4M)	100mL	110-51-0
AC175081000	Borane-tetrahydrofuran complex, 1M solution in THF, stabilized	100mL	14044-65-6
AC175088000		800mL	
AC209541000	Catecholborane, 1M solution in THF	100mL	274-07-7
AC209548000		800mL	
AC214141000	Dibutylboron trifluoromethanesulfonate, 1M solution in diethyl ether	100mL	60669-69-4
AC398381000	Diethylmethoxyborane, 4M solution in THF	100mL	7397-46-8
AC398388000		800mL	
AC388421000	(+) -Diisopinocampheylchloroborane, 1.8M solution in hexanes	100mL	112246-73-8
AC388428000		800mL	
AC436040500	(R)-(+)-2-Methyl-CBS-oxazaborolidine, 1M solution in toluene	50mL	112022-83-0
AC436030500	(S)-(-)-2-Methyl-CBS-oxazaborolidine, 1M solution in toluene	50mL	112022-81-8
AC177101000	Tributylborane, 1M solution in THF	100mL	122-56-5
AC177108000		800mL	
AC176981000	Triethylborane, 1M solution in THF	100mL	97-94-9
AC176988000		800mL	
AC429191000	Trimethylboroxine, 3.5M (50 wt.%) solution in THF	100mL	823-96-1

Reagents in solution

Halides

Product code	Product name	Pack size	CAS no.
AC387741000 AC387748000	Acetyl chloride, 1M solution in dichloromethane	100mL 800mL	75-36-5
AC428891000	Ammonium fluoride, 0.5M solution in methanol	100mL	12125-01-8
AC434521000 AC434528000	Antimony(V)-chloride, 1M solution in methylene chloride	100mL 800mL	7647-18-9
AC428981000	[Bis(2-methoxyethyl)amino]sulfur trifluoride, 2.7M (50 wt.%) solution in toluene	100mL	202289-38-1
AC428901000	Benzyl chloroformate, 3M (50 wt.%) solution in toluene	100mL	501-53-1
AC428911000	Cyanogen bromide, 3M solution in dichloromethane	100mL	506-68-3
AC378191000 AC378198000	Boron tribromide, 1M solution in heptane	100mL 800mL	10294-33-4
AC427101000 AC427108000	Boron tribromide, 1M solution in methylene chloride	100mL 800mL	10294-33-4
AC428321000 AC428328000	Boron tribromide dimethyl sulfide, 1M solution in methylene chloride	100mL 800mL	29957-59-3
AC428331000	Boron trichloride, 1M (10 wt.%) solution in 2-chloroethanol	100mL	10294-34-5
AC198921000 AC198928000	Boron trichloride, 1M solution in hexanes	100mL 800mL	10294-34-5
AC176681000 AC176688000	Boron trichloride, 1M solution in methylene chloride	100mL 800mL	10294-34-5
AC445271000 AC445278000	Boron trifluoride, 1.5M (12 wt.%) in methanol	100mL 800mL	373-57-9
AC428141000	Boron trifluoride dibutyl etherate, 30-35% BF ₃	100mL	593-04-4
AC427111000 AC427118000	Boron trifluoride etherate, approx. 48% BF ₃	100mL 800mL	109-63-7
AC427121000 AC427128000	Boron trifluoride-propanol, 14 wt.% BF ₃ in propanol	100mL 800mL	762-48-1
AC388401000 AC388408000	Bromine, 1M solution in acetic acid	100mL 800mL	7726-95-6
AC389661000 AC389668000	Bromine, 1M solution in dichloromethane	100mL 800mL	7726-95-6
AC428721000 AC428728000	Bromine, 1M solution in trimethyl phosphate	100mL 800mL	7726-95-6
AC388411000 AC388418000	Bromine-1,4-dioxane complex, 0.25M solution in 1,4-dioxane	100mL 800mL	15481-39-7
AC430691000 AC430698000	Hydrogen bromide, pure, 33 wt.% solution in glacial acid	100mL 800mL	37348-16-6
AC428931000	Hydrogen chloride, approx. 0.5M solution in methanol	100mL	7647-01-0
AC370271000	Hydrogen chloride, 1M solution in acetic acid	100mL	7647-01-0
AC428921000	Hydrogen chloride, 1M solution in ethyl acetate	100mL	7647-01-0
AC427011000 AC427018000	Hydrogen chloride, 1.25M solution in ethanol	100mL 800mL	7647-01-0
AC445851000	Hydrogen chloride, 3M solution in CPME	100mL	7647-01-0
AC368461000 AC368468000	Hydrogen chloride, pure, 1N solution in diethyl ether	100mL 800mL	7647-01-0
AC368471000 AC368478000	Hydrogen chloride, pure, 2N solution in diethyl ether	100mL 800mL	7647-01-0
AC388361000 AC388368000	Hydrogen chloride, 4N solution in 1,4-dioxane	100mL 800mL	7647-01-0
AC428601000 AC428608000	Hydrogen chloride, 5 to 6N solution in 2-propanol	100mL 800mL	7647-01-0
AC428701000	Iodine monobromide, 1M solution in methylene chloride	100mL	7789-33-5
AC428941000	Iodine monochloride, 1M solution in dichloromethane	100mL	7790-99-0
AC378411000 AC378418000	Iodomethane, 2M solution in tert-butyl methyl ether	100mL 800mL	74-88-4
AC390971000 AC390978000	Lithium bromide, 4M solution in THF	100mL 800mL	7550-35-8
AC369181000 AC369188000	Oxalyl chloride, 2.0M solution in dichloromethane	100mL 800mL	79-37-8
AC382061000 AC382068000	Phosphorus tribromide, 1.0M solution in dichloromethane	100mL 800mL	7789-60-8
AC382101000 AC382108000	Phosphorus trichloride, 2M solution in dichloromethane	100mL 800mL	7719-12-2
AC429121000 AC429120010	Propargyl bromide, 80 wt.% solution in toluene, stabilized	100mL 1L	106-96-7
AC294991000	Samarium(II) iodide, 0.1M solution in THF, stabilized with samarium powder	100mL	32248-43-4
AC428761000	Silicon(IV) chloride, 1M solution in methylene chloride	100mL	10026-04-7
AC378151000 AC378158000	Sulfuryl chloride, 1.0M solution in dichloromethane	100mL 800mL	7791-25-5

Reagents in solution

Halides

Product code	Product name	Pack size	CAS no.
AC433511000 AC433518000	Tetrabutylammonium fluoride, 1M solution in THF	100mL 800mL	429-41-4
AC387721000 AC387728000	Thionyl chloride, 1M solution in dichloromethane	100mL 800mL	7719-09-7
AC378201000 AC378208000	Tin(IV) chloride, 1M solution in dichloromethane	100mL 800mL	7646-78-8
AC428341000	Tin(IV) chloride, 1M solution in heptane	100mL	7646-78-8
AC429151000	Titanium(III) chloride, 20%w/w solution in 2N hydrochloric acid	100mL	7705-07-9
AC377741000 AC377748000	Titanium(IV) chloride, 1M solution in dichloromethane	100mL 800mL	7550-45-0
AC428351000	Titanium(IV) chloride, 0.09M solution in 20% HCl	100mL	7550-45-0
AC378161000 AC378168000	Titanium(IV) chloride, 1M solution in toluene	100mL 800mL	7550-45-0
AC433661000 AC433668000	Vanadium(III) chloride-tetrahydrofuran complex (1:3), 0.5M solution in methylene chloride	100mL 800mL	19559-06-9
AC428771000 AC428778000	Vinyl bromide, 1M solution in THF	100mL 800mL	593-60-2
AC389451000 AC389458000	Zinc chloride, 0.7M solution in THF	100mL 800mL	7646-85-7
AC370051000 AC370058000	Zinc chloride, 1.0M solution in diethyl ether	100mL 800mL	7646-85-7
AC428561000 AC428568000	Zinc chloride, 2M solution in 2-MeTHF	100mL 800mL	7646-85-7

Hydrides

Product code	Product name	Pack size	CAS no.
AC201051000 AC201058000	Diisobutylaluminium hydride, 1.0M solution in heptane	100mL 800mL	1191-15-7
AC183791000 AC183794000 AC183798000	Diisobutylaluminium hydride, 1M solution in hexanes	100mL 400mL 800mL	1191-15-7
AC201031000 AC201038000	Diisobutylaluminium hydride, 1.1M solution in cyclohexane	100mL 800mL	1191-15-7
AC201081000 AC201084000 AC201088000	Diisobutylaluminium hydride, 1.2M (20 wt.%) solution in toluene	100mL 400mL 800mL	1191-15-7
AC199491000 AC199498000	Lithium aluminium hydride, 1M solution in THF	100mL 800mL	16853-85-3
AC377321000 AC377328000	Lithium aluminium hydride, 2.4M solution in THF	100mL 800mL	16853-85-3
AC385571000 AC385578000	Lithium aluminium hydride, 3.5M (15 wt.%) solution in toluene/THF	100mL 800mL	16853-85-3
AC199511000 AC199518000	Lithium aluminium hydride, 4.0M solution in diethyl ether	100mL 800mL	16853-85-3
AC434551000 AC434558000	Lithium aluminium hydride bis(tetrahydrofuran), 1M solution in toluene	100mL 800mL	123439-81-6
AC428881000 AC428888000	Lithium borohydride, 4M (10 wt.%) solution in THF	100mL 800mL	16949-15-8
AC377581000 AC377588000	Lithium tri-tert-butoxyaluminumhydride, 1.1M solution in THF	100mL 800mL	17476-04-9
AC176451000 AC176458000	Lithium tri-sec-butylborohydride, 1M solution in THF	100mL 800mL	38721-52-7
AC439111000 AC439118000	Lithium tris[(3-ethyl-3-pentyl)oxy]aluminumhydride, 0.5M solution in THF	100mL 800mL	79172-99-9
AC209681000	Lithium trisiamylborohydride, 1M solution in THF	100mL	60217-34-7
AC205471000 AC205478000	Potassium tri-sec-butylborohydride, 1M solution in THF	100mL 800mL	54575-49-4
AC189181000 AC189188000	Potassium triisopropoxyborohydride, 1M solution in THF	100mL 800mL	42278-67-1
AC430911000 AC430918000	Sodium bis(2-methoxyethoxy)aluminium hydride, 70 wt.% solution in toluene (approx. 3.5M)	100mL 800mL	22722-98-1
AC191131000	Sodium borohydride, 0.5M solution in diglyme	100mL	16940-66-2
AC429131000	Sodium borohydride, 12% solution in 40% aq. NaOH solution	100mL	16940-66-2
AC372451000 AC372458000	Sodium cyanoborohydride, 1M solution in THF	100mL 800mL	25895-60-7
AC200031000 AC200038000	Sodium triethylborohydride, 1M solution in THF	100mL 800mL	17979-81-6
AC429141000	Sodium tri-sec-butylborohydride, 1M solution in THF	100mL	67276-04-4

Reagents in solution

Oxides

Product code	Product name	Pack size	CAS no.
AC428971000	Benzyltrimethylammonium methoxide, 40 wt.% solution in methanol	100mL	122-08-7
AC446841000	Lithium tert-butoxide, 0.9M (8 wt.%) solution in 2-MeTHF	100mL	1907-33-1
AC446848000		800mL	
AC380151000	Lithium tert-butoxide, 1M solution in hexanes	100mL	1907-33-1
AC380158000		800mL	
AC379311000	Lithium tert-butoxide, 2.2M solution in THF	100mL	1907-33-1
AC379318000		800mL	
AC380171000	Lithium ethoxide, 1M solution in ethanol	100mL	2388-07-0
AC380178000		800mL	
AC380201000	Lithium isopropoxide, 1M solution in hexanes	100mL	2388-10-5
AC396501000	Lithium isopropoxide, 3M solution in THF	100mL	2388-10-5
AC396508000		800mL	
AC336751000	Lithium methoxide, pure, 2.2M (10 wt.%) solution in methanol	100mL	865-34-9
AC336758000		800mL	
AC388611000	Lithium phenoxide, 0.6M solution in THF	100mL	555-24-8
AC433501000	Lithium thiophenolate, 0.6M solution in THF	100mL	2973-86-6
AC371221000	Potassium tert-butoxide, pure, 1M solution in THF	100mL	865-47-4
AC371220010		1L	
AC371220025		2.5L	
AC426121000	Potassium tert-butoxide, 1M solution in tert-butanol	100mL	865-47-4
AC426128000		800mL	
AC428791000	Potassium tert-butoxide, pure, 1.6-1.7M (20 wt.%) solution in THF	100mL	865-47-4
AC428798000		800mL	
AC445831000	Potassium tert-butoxide, 2M (25% w/w) solution in 2-MeTHF	100mL	865-47-4
AC445838000		800mL	
AC429101000	Potassium methoxide, pure, 0.1N solution in toluene/methanol	100mL	865-33-8
AC164721000	Potassium tert-pentoxide, 0.9M (14 wt.%) solution in cyclohexane	100mL	41233-93-6
AC164728000		800mL	
AC433551000	Sodium benzyloxide, 1M solution in benzyl alcohol	100mL	20194-18-7
AC429301000	Sodium ethoxide, 21% in ethanol	100mL	141-52-6
AC429308000		800mL	
AC427221000	Sodium methoxide, 0.5M solution in methanol	100mL	124-41-4
AC427228000		800mL	
AC445881000	Sodium methoxide, ACS reagent, 0.5M solution in methanol	100mL	124-41-4
AC445888000		800mL	
AC428361000	Sodium methoxide, 5.4M (30 wt.%) solution in methanol	100mL	124-41-4
AC428368000		800mL	
AC252531000	Sodium tert-pentoxide, 40% in 2-MeTHF	100mL	14593-46-5
AC252538000		800mL	
AC390151000	Sodium tert-pentoxide, 2.5M (30 wt.%) solution in THF	100mL	14593-46-5
AC390158000		800mL	
AC427931000	Zirconium(IV) propoxide, approx. 70% solution in propanol	100mL	23519-77-9
AC427938000		800mL	

Silanes

Product code	Product name	Pack size	CAS no.
AC369101000	tert-Butylchlorodimethylsilane, 1.0M solution in dichloromethane	100mL	18162-48-6
AC433111000	tert-Butyldimethylsilyl chloride, 50 wt.% solution in toluene	100mL	18162-48-6
AC428991000	2-(4-Chlorosulfonylphenyl)ethyltrimethoxysilane, 50% solution in dichloromethane	100mL	126519-89-9
AC433251000	Chlorotriethylsilane, 1M solution in THF	100mL	994-30-9
AC381601000	Chlorotrimethylsilane, 1M solution in dichloromethane	100mL	75-77-4
AC381608000		800mL	
AC428811000	Lithium trimethylsilanolate, 1M solution in THF	100mL	2004-14-0
AC428818000		800mL	
AC448461000	Potassium trimethylsilanolate, 2M solution in THF	100mL	10519-96-7
AC448468000		800mL	
AC428841000	Sodium trimethylsilanolate, 1M solution in dichloromethane	100mL	18027-10-6
AC428848000		800mL	
AC428831000	Sodium trimethylsilanolate, 1M solution in THF	100mL	18027-10-6
AC428838000		800mL	
AC429171000	(Trifluoromethyl)trimethylsilane, 0.5M solution in THF	100mL	81290-20-2

Reagents in solution

Other reagents in solution

Product code	Product name	Pack size	CAS no.
AC301761000	Bis(cyclopentadienyl)dimethyltitanium, 5 wt.% in toluene	100mL	1271-66-5
AC179561000	Boron tris(trifluoroacetate), 1M solution in trifluoroacetic acid	100mL	350-70-9
AC429001000	Dess-Martin periodinane, 15 wt.% solution in dichloromethane	100mL	87413-09-0
AC429021000	N,N'-Dicyclohexylcarbodiimide, 1M solution in dichloromethane	100mL	538-75-0
AC429041000	Diisopropylphosphine, 10 wt.% solution in hexanes	100mL	20491-53-6
AC434541000	Dilithium tetrabromonickelate(II), 0.5M solution in THF	100mL	13826-95-4
AC434548000		800mL	
AC429051000	Dilithium tetrachlorocuprate, 0.1M solution in THF	100mL	15489-27-7
AC426801000	Di-tert-butyl dicarbonate, 1M solution in THF	100mL	24424-99-5
AC426808000		800mL	
AC429011000	Di-tert-butylphosphine, 0.5M (10 wt.%) solution in hexanes	100mL	819-19-2
AC438721000	2,3-Dimethyl-2-butene, 1M solution in THF	100mL	563-79-1
AC429061000	Ethyl ethynyl ether, 40 wt.% solution in hexanes	100mL	927-80-0
AC446111000	Lithium bis(trimethylsilyl)amide, 15% in 2-MeTHF/ethylbenzene	100mL	4039-32-1
AC446118000		800mL	
AC380231000	Lithium bis(trimethylsilyl)amide, 0.9M solution in methylcyclohexane	100mL	4039-32-1
AC380238000		800mL	
AC345671000	Lithium bis(trimethylsilyl)amide, 1.0M solution in methyl tert-butyl ether	100mL	4039-32-1
AC345678000		800mL	
AC347701000	Lithium bis(trimethylsilyl)amide, 1M solution in THF/ethylbenzene	100mL	4039-32-1
AC347708000		800mL	
AC268831000	Lithium diisopropylamide, 2M solution in THF/n-heptane/ethylbenzene	100mL	4111-54-0
AC268838000		800mL	
AC432871000	Lithium diisopropylamide mono(tetrahydrofuran), 1.5M solution in cyclohexane	100mL	123333-84-6
AC432878000		800mL	
AC433621000	Lithium diphenylphosphide, 0.5M solution in THF	100mL	65567-06-8
AC389461000	Magnesium bis(diisopropylamide), 0.7M solution in THF	100mL	23293-23-4
AC389468000		800mL	
AC428751000	Magnesium methyl carbonate, 0.5M solution in methanol	100mL	4861-79-4
AC426391000	2-Methyl-2-butene, 2M solution in THF	100mL	513-35-9
AC428371000	Methyltitanium(IV) triisopropoxide, 1M solution in THF	100mL	18006-13-8
AC429071000	Nitronium tetrafluoroborate, 0.5M solution in sulfolane	100mL	13826-86-3
AC429081000	Osmium tetroxide, 2.5 wt.% solution in tert-butanol, stabilized	100mL	20816-12-0
AC418231000	Potassium bis(trimethylsilyl)amide, 0.7M (15 wt.%) solution in toluene	100mL	40949-94-8
AC418238000		800mL	
AC429091000	Potassium hydroxide, 1N solution in ethanol	100mL	1310-58-3
AC429111000	1-Propanephosphonic acid cyclic anhydride, 50 wt.% solution in dimethylformamide	100mL	68957-94-8
AC429311000	1-Propanephosphonic acid cyclic anhydride, 50 wt.% solution in ethyl acetate	100mL	68957-94-8
AC277851000	Sodium bis(trimethylsilyl)amide, pure, 2M solution in THF	100mL	1070-89-9
AC277858000		800mL	
AC426061000	Tebbe reagent, 0.5M solution in toluene	100mL	67719-69-1
AC428951000	Tetrabutylammonium hydroxide, 1M solution in methanol	100mL	2052-49-5
AC428958000		800mL	
AC435991000	Tetrabutylammonium phosphate monobasic, 0.4M solution in acetonitrile	100mL	5574-97-0
AC440061000	Tetrabutylammonium phosphate monobasic, 1M solution in ethanol	100mL	5574-97-0
AC432991000	Tetrazole, 3 to 4 wt.% solution in acetonitrile	100mL	288-94-8
AC432990010		1L	
AC427831000	Tricyclohexylphosphine, 1M solution in THF	100mL	2622-14-2
AC428421000	Tricyclohexylphosphine, 1M solution in toluene	100mL	2622-14-2
AC429161000	Triethyloxonium tetrafluoroborate, 1M solution in methylene chloride	100mL	368-39-8
AC429201000	(Trimethylsilyl)diazomethane, approx. 2M solution in diethyl ether	100mL	18107-18-1
AC429211000	(Trimethylsilyl)diazomethane, technical, approx. 2.0M solution in hexanes	100mL	18107-18-1

Organics

Organics

Organic products in AcroSeal packaging include those prone to oxidation and hydrolysis, as well as those that have strong odors or high toxicity such as aldehydes, amines, epoxides, halides, phosphines, and silanes.

Aldehydes

Product code	Product name	Pack size	CAS no.
AC427171000 AC427178000	Acetaldehyde, 99.5%, extra pure	100mL 800mL	75-07-0
AC378361000 AC378360010	Benzaldehyde, 99.5+%, pure, purified by redistillation	100mL 1L	100-52-7
AC427181000 AC427188000	Crotonaldehyde, 99+%	100mL 800mL	123-73-9
AC427191000	4-Fluorobenzaldehyde, 98+%	100mL	459-57-4
AC196501000	Methacrolein, 95%, stabilized	100mL	78-85-3
AC427201000	Pivaldehyde, 97%	100mL	630-19-3
AC427211000	Propionaldehyde, 99+%	100mL	123-38-6

Amines

Product code	Product name	Pack size	CAS no.
AC427231000 AC427238000	Benzylamine, 99.5+%	100mL 800mL	100-46-9
AC427241000 AC427248000	tert-Butylamine, 99%	100mL 800mL	75-64-9
AC378301000 AC378300010	Diisopropylamine, 99.5%, purified by redistillation	100mL 1L	108-18-9
AC427251000 AC427258000	Ethanolamine, 99%	100mL 800mL	141-43-5
AC427261000 AC427268000	Ethylenediamine, 99+%	100mL 800mL	107-15-3
AC347671000	2,6-Lutidine, 99%, purified by redistillation	100mL	108-48-5
AC432801000 AC432800010	N-Methylmorpholine, 99.5%, purified by redistillation	100mL 1L	109-02-4
AC433851000 AC433858000	Morpholine, 99.5%, purified by redistillation	100mL 800mL	110-91-8
AC433841000 AC433840010	Piperidine, 99.5%, purified by redistillation	100mL 1L	110-89-4
AC446141000 AC446148000	Pyrrrolidine, 99.5+%, purified by redistillation	100mL 800mL	123-75-1
AC418791000	Quinoline, 99%, purified by redistillation	100mL	91-22-5
AC433831000	N,N,N',N'-Tetramethylethylenediamine, 99.5%, purified by redistillation	100mL	110-18-9

Epoxides

Product code	Product name	Pack size	CAS no.
AC430951000 AC430958000	Allyl glycidyl ether, 99+%	100mL 800mL	106-92-3
AC330070500	1,3-Butadiene diepoxide, 98+%	50mL	1464-53-5
AC430711000 AC430718000	Epichlorohydrin, 99%	100mL 800mL	106-89-8
AC430861000 AC430868000	(±)-Propylene oxide, 99.5%, extra pure	100mL 800mL	75-56-9

Halides

Product code	Product name	Pack size	CAS no.
AC220271000	Benzoyl chloride, 99%, pure	100mL	98-88-4
AC430791000	Ethyl chloroformate, 99%	100mL	541-41-3
AC430798000		800mL	
AC430811000	Isobutyl chloroformate, 98%	100mL	543-27-1
AC168661000	Methacryloyl chloride, 95%, contains 200 ppm MEHQ as stabilizer	100mL	920-46-7
AC168660010		1L	
AC430841000	Methyl chloroformate, 99%	100mL	79-22-1
AC417971000	Phthaloyl chloride, 90%	100mL	88-95-9
AC417978000		800mL	
AC430801000	Succinyl chloride, approx. 95%	100mL	543-20-4

Phosphines

Product code	Product name	Pack size	CAS no.
AC427270500	Chlorodiisopropylphosphine, 96%	50mL	40244-90-4
AC427280500	Di-tert-butylchlorophosphine, 96%	50mL	13716-10-4
AC427290500	Diphenylphosphine, 95%	50mL	829-85-6
AC427301000	Tri-n-butylphosphine, 95%	100mL	998-40-3
AC427308000		800mL	
AC436461000	Trioctylphosphine, 90%, technical grade	100mL	4731-53-7

Silanes

Product code	Product name	Pack size	CAS no.
AC430941000	3-Aminopropyltriethoxysilane, 99%	100mL	919-30-2
AC430948000		800mL	
AC200941000	BDCS, silylation reagent	100mL	1185092-02-7
AC200948000		800mL	
AC430751000	Bromotrimethylsilane, 98%	100mL	2857-97-8
AC430921000	tert-Butylchlorodiphenylsilane, 98%	100mL	58479-61-1
AC434021000	Chloro(chloromethyl)dimethylsilane, 98%	100mL	1719-57-9
AC426431000	Chlorotrimethylsilane, 98%	100mL	75-77-4
AC434011000	Diacetoxydimethylsilane, 98%	100mL	2182-66-3
AC430901000	Dichloromethylsilane, 97%	100mL	75-54-7
AC430908000		800mL	
AC430881000	Dichloromethylsilane, 99+%	100mL	75-78-5
AC430888000		800mL	
AC430891000	Dichlorophenylsilane, 97%	100mL	80-10-4
AC430898000		800mL	
AC351531000	Dimethoxydimethylsilane, 95+%	100mL	1112-39-6
AC351530010		1L	
AC313511000	Ethyltrichlorosilane, 99%	100mL	115-21-9
AC313510010		1L	
AC433081000	Ethyltrimethoxysilane, 97%	100mL	5314-55-6
AC433080010		1L	
AC433071000	1,1,3,3,5,5-Hexamethyltrisiloxane, 95+%	100mL	1189-93-1
AC426421000	Iodotrimethylsilane, 95-97%, stabilized	100mL	16029-98-4
AC432641000	Methyltrimethoxysilane, 97%	100mL	1185-55-3
AC432640010		1L	
AC420361000	Tetraethyl orthosilicate, 98%	100mL	78-10-4
AC420360010		1L	
AC427331000	Tetramethylsilane, 99%	100mL	75-76-3
AC426441000	Thiophosgene, 95%	100mL	463-71-8
AC446161000	Triethylsilane, 99%	100mL	617-86-7
AC446160010		1L	
AC422061000	Trimethylsilyl cyanide, 98%	100mL	7677-24-9
AC433061000	Vinyltrimethoxysilane, 97%	100mL	2768-02-7
AC433060010		1L	

Organics

Other organics

Product code	Product name	Pack size	CAS no.
AC430931000	Borane-N,N-diethylaniline complex, 97%	100mL	13289-97-9
AC430871000	1-Butanethiol, 98%	100mL	109-79-5
AC430878000		800mL	
AC435641000	N-(Butoxymethyl)acrylamide, 97%	100mL	1852-16-0
AC427840500	2-Chloro-5,5-dimethyl-1,3,2-dioxaphosphorinane, 97%	50mL	2428-06-0
AC405731000	o-Cresol, 99%	100mL	95-48-7
AC405738000		800mL	
AC111411000	1,5-Cyclooctadiene, 99+%, stabilized, purified by redistillation	100mL	111-78-4
AC111418000		800mL	
AC430741000	cis-1,4-Dichloro-2-butene, 95%	100mL	1476-11-5
AC446181000	N,N'-Diisopropylcarbodiimide, 99%	100mL	693-13-0
AC446151000	N,N-Dimethylformamide dimethyl acetal, approx. 97%	100mL	4637-24-5
AC446150000		1L	
AC430831000	Dimethyl sulfate, 99+%	100mL	77-78-1
AC430830010		1L	
AC430851000	1,1,1,3,3,3-Hexamethyldisilazane, 98%	100mL	999-97-3
AC430850010		1L	
AC120751000	1-Hexene, 99%	100mL	592-41-6
AC120750010		1L	
AC187621000	Iron(0) pentacarbonyl	100mL	13463-40-6
AC187620010		1L	
AC381711000	1-Methoxy-2-methyl-2-propanol, 98%	100mL	3587-64-2
AC430821000	Methyl disulfide, 99%	100mL	624-92-0
AC431791000	4,4'-Methylenebis(cyclohexyl isocyanate), 90%, mixture of isomers	100mL	5124-30-1
AC431790010		1L	
AC150751000	Methyl isothiocyanate, 97%	100mL	556-61-6
AC430731000	1-Pentene, 97%	100mL	109-67-1
AC429261000	Propylene carbonate, 99.5%, anhydrous	100mL	108-32-7
AC429268000		800mL	
AC430721000	Thiophenol, 99%	100mL	108-98-5
AC430728000		800mL	
AC430761000	p-Toluenesulfonyl isocyanate, 96%	100mL	4083-64-1
AC428661000	Tributyl borate, 98%	100mL	688-74-4
AC428668000		800mL	
AC428651000	Triethyl borate, 97%	100mL	150-46-9
AC428658000		800mL	
AC429271000	Triethyl orthoformate, 98%, anhydrous	100mL	122-51-0
AC429278000		800mL	
AC427141000	Triisopropyl borate, 98+%	100mL	5419-55-6
AC427148000		800mL	
AC346121000	Trimethyl borate, 99%	100mL	121-43-7
AC346128000		800mL	
AC429281000	Trimethyl orthoformate, 99+%, anhydrous	100mL	149-73-5
AC429288000		800mL	

How to use AcroSeal packaging

For best results from AcroSeal packaging, we recommend the following process

1. Puncture the septum.
2. Withdraw the required amount.
3. Replace the nitrogen blanket.
4. Store upright to prevent prolonged product contact with the seal.

Tip

To get the best results from the septum, we recommend you use 18 to 21 gauge needles and puncture in a clock face pattern to avoid piercing the septum in the same place.

If you require a large amount of solvent remove the whole cap under an inert atmosphere and decant the desired amount of product from the bottle.



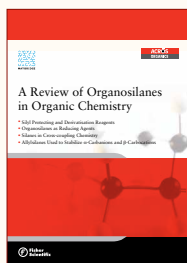
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A Review of Organosilanes in Organic Chemistry

This white paper covers four of the most important applications of organosilanes in synthetic organic chemistry. Included are silyl protecting and derivatisation reagents, organosilanes as reducing agents, silanes in cross-coupling chemistry, and allylsilanes used to stabilize α -carbanions and β -carbocations.

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