

# Less is more XXS product line

Products for organic synthesis – now in smaller packages





EMD Millipore Corp. is a subsidiary of Merck KGaA, Darmstadt, Germany

## Our new XXS product line Packed with benefits

The new XXS product line is based on the philosophy that less is more. Ordering the small quantities means **more savings** for your business, **more safety** for users, and **more sustainable practices.** With XXS everyone benefits.

#### Good things come in small packages

Green chemistry is a concept applied in various industries, which advocates the reduction and prevention of environmental pollution. It is based on twelve principles, the first of which is a perfect fit to the new XXS product line: It is better to prevent waste than to treat or clean up waste after it is formed.

- Less waste due to smaller packaging sizes
- Avoidance of excess chemicals
- Reduced release of harmful emissions into the environment

#### Minimal pack size meets maximum cost efficiency

The new XXS packages are very cost effective as you no longer have to purchase bulk quantities when you only need a few grams.

- Efficient use of resources by paying only for required quantities
- Lower cost for disposal, storage and shipment of excess chemicals

#### XXS packaging, but XXL safety

Safety is a big deal at EMD Millipore. It influences every stage of our work – from the high quality of our products to the innovative security features of our packaging. This is one of the major reasons why we developed the XXS product line.

- Limits contact with toxic chemicals
- Decreases risk of explosions, fires and other accidents
- Protects lab environment from hazardous emissions

The **XXS product range** includes a wide variety of commonly used organic reagents such as acids, bases, oxidizing and reducing agents, as well as synthetic building blocks.

The breadth of the XXS range is illustrated below. Please contact your local VWR sales representative for your product inquries.

	Product	CAS	Pack size	VWR Cat. No.
A	Acetaldehyde diethyl acetal for synthesis	105-57-7	2 mL	EM8.01366.0002
	Adipic dihydrazide for synthesis	1071-93-8	10 g	EM8.41689.0010
	5-Amino-2,3-dihydrophthalazine-1,4-dione for synthesis	521-31-3	1 g	EM8.20071.0001
	9-Aminoacridine hydrochloride monohydrate for synthesis	52417-22-8	2 g	EM8.01112.0002
	2-Aminoethyldiphenyl borate for synthesis	524-95-8	500 mg	EM8.41636.8500
	2-Aminoheptane for synthesis	123-82-0	10 mL	EM8.41027.0010
	Anthrone for synthesis	90-44-8	10 g	EM8.01461.0010
	N-Allylthiourea for synthesis	109-57-9	25 g	EM8.08158.0025
В	Benzamidine hydrochloride hydrate for synthesis	206752-36-5	2 g	EM8.20122.0002
	Benzeneboronic acid for synthesis	98-80-6	500 mg	EM8.20131.8500
	Benzo[b]furan for synthesis	271-89-6	2 mL	EM8.20129.0002
	Bis(triphenylphosphine)palladium(II) chloride (15.2 % Pd) for synthesis	13965-03-2	500 mg	EM8.04174.8500
	Boron nitride	10043-11-5	50 g	EM1.12073.0050
	Boron powder	7440-42-8	10 g	EM1.12070.0010
	Butane-1-sulfonic acid sodium salt for synthesis	2386-54-1	5 g	EM8.41661.0005
	tert-Butyl ethyl ether for synthesis	637-92-3	2 mL	EM8.41873.0002
С	1,1'-Carbonyldiimidazole for synthesis	530-62-1	2 g	EM8.02301.0002
	4-Carboxybutyltriphenylphosphonium bromide for pharma synthesis, non-GMP	17814-85-6	25 g	EM8.45134.0025
	3-Chlorophenol for synthesis	108-43-0	10 g	EM8.20321.0010
	1-Chlorpropane for synthesis	540-54-5	50 mL	EM8.18841.0050
	Chromium(III) chloride anhydrous for synthesis	10025-73-7	2 g	EM8.18090.0002
	(S)-(-)-B-Citronellol for synthesis	7540-51-4	10 mL	EM8.18378.0010
	Cobalt(II) chloride anhydrous for synthesis	7646-79-9	10 g	EM8.02540.0010
	Crown ether/18-Crown-6 for synthesis	17455-13-9	2 g	EM8.11684.0002
	Curcumin for synthesis	458-37-7	2 g	EM8.20354.0002
	Cysteaminium chloride for synthesis	156-57-0	10 g	EM8.02835.0010

	Product	CAS	Pack size	VWR Cat. No.
D	Decane-1-sulfonic acid sodium salt for synthesis	13419-61-9	2 g	EM8.41036.0002
	Diacetyl for synthesis	431-03-8	2 mL	EM8.03528.0002
	trans-1,2-Diaminocyclohexane-N,N,N',N'-tetracetic acid monohydrate	125572-95-4	5 g	EM8.41032.0005
	for synthesis			
	Dibutyl disulfide for synthesis	629-45-8	10 mL	EM8.20242.0010
	Dibutyl sulfide for synthesis	544-40-1	50 mL	EM8.20252.0050
	N,N-Diethylformamide for synthesis	617-84-5	10 mL	EM8.21752.0010
	Dinexylamine for synthesis	143-16-8	50 mL	EIVI8.20465.0050
	3,5-Dinydroxytoluene for synthesis	504-15-4	2 g	EIVI8.20933.0002
	(2R) () 2.5 Dibudro 3.6 dimethovy 2 isopropulpyrazing for synthesis	100232 25 0	2 IIIL	EM9 19315 9500
	2 5-Dimethoxytetrahydrofuran (mixture of cis- and trans isomers) for	696-59-3	25 ml	EM8.02961.0025
	synthesis		201112	21110.02001.0020
	4-(Dimethylamino)-cinnamaldehyde for synthesis	6203-18-5	2 g	EM8.22034.0002
	4-(Dimethylamino)pyridine for synthesis	1122-58-3	5 g	EM8.20499.0005
	N-(3-Dimethylaminopropyl)-N'-ethylcarbodiimide hydrochloride for	25952-53-8	500 mg	EM8.00907.8500
	synthesis			
	N,N-Dimethylformamide dimethyl acetal for synthesis	4637-24-5	1 mL	EM8.03068.0001
	N,N-Dimethyloctylamine for synthesis	/3/8-99-6	2 mL	EM8.41863.0002
	1,3-Diphenyl-1,3-propanedione for synthesis	120-46-7	TU g	EIVI8.20538.0010
	2,3-Dipitenyi-2-cycloproperi-1-one for synthesis	2296 52 0	500 mg	EM1 12146 9500
	n_Dodecyltrimethylammonium bromide for synthesis	1119_94_4	10 g	EM8 41022 0010
F	N-Ethyldiisopropylamine for pharma synthesis non-GMP	7087-68-5	50 ml	EM8 45017 0050
F	(9-Fluorenvlmethyl) chloroformate for synthesis	28920-43-6	500 mg	EM8.18203.8500
	3-Fluoro-4-methoxyphenylacetic acid for synthesis	452-14-2	5 q	EM8.43872.0005
G	Germanium(IV) oxide	1310-53-8	2 g	EM1.12177.0002
	Gibberellic acid for synthesis	77-06-5	500 mg	EM8.14464.8500
Н	n-Heptadecane for synthesis	629-78-7	10 mL	EM8.20616.0010
	Heptafluorobutyric acid for synthesis	375-22-4	5 mL	EM8.43443.0005
	Hexachloroplatinic(IV) acid hexahydrate (~40 % Pt) for synthesis	18497-13-7	500 mg	EM8.07340.8500
	Holmium(III) oxide LAB	12055-62-8	2 g	EM1.12469.0002
	3-Hydroxy-4-methoxybenzaldehyde for synthesis	621-59-0	10 g	EM8.41767.0010
	5-Hydroxymethyl-2-furancarbaldehyde for synthesis	67-47-0	100 mg	EM8.20678.8100
  /	Indium(III) oxide 99.5+	1312-43-2	5 g	EM1.12201.0005
К	Kryptofix <sup>®</sup> 221 for synthesis	31364-42-8	250 µL	EM8.10646.8250
-	Kryptotix® 222 for synthesis	23978-09-8	250 mg	EIVI8.10647.8250
L	Lithium (sticks) (protective liquid: paraffin ail) for synthesis	7420 02 2	10 g	ENR 05660 0010
	Lithium iodide anhydrous for synthesis	10377-51-2	2 a	EM8.03000.0010
	I-(-)-Malic acid for resolution of racemates for synthesis	97-67-6	2 g 5 g	EM8.00384.0005
м	2-Methoxyethylamine for synthesis	109-85-3	25 mL	EM8.18872.0025
	N-Methyl-N-trimethylsilyl-trifluoroacetamide for synthesis	24589-78-4	2 mL	EM8.41102.0002
	4-Methylpyridine for synthesis	108-89-4	10 mL	EM8.07049.0010
Ν	3-Nitro-benzeneboronic acid for synthesis	13331-27-6	500 mg	EM8.41141.8500
	2-Nitrobenzaldehyde for synthesis	552-89-6	1 g	EM8.22293.0001
	3-Nitrophenol for synthesis	554-84-7	5 g	EM8.20895.0005
	n-Nonadecane for synthesis	629-92-5	10 g	EM8.22110.0010
0	1-Octadecanethiol for synthesis	2885-00-9	10 g	EM8.14444.0010
Р	Palladium(II) acetate (47 % Pd) for synthesis	3375-31-3	500 mg	EM8.18056.8500
	Palladium(II) chloride (59 % Pd) anhydrous, for synthesis	7647-10-1	500 mg	EM8.07110.8500
	Palladium(II) nitrate dihydrate (40 % Pd) for synthesis	32916-07-7	500 mg	EM8.145/3.8500
	Palladium(ii) oxide (85 % Pd) hydrogenation catalyst for synthesis	1314-08-5	500 mg	EIVI8.07107.8500
	form) for synthesis	-	зy	EIVI8.07104.0005
	n-Pentadecane for synthesis	629-62-9	10 mL	EM8.20953.0010
	2-Phenylacetohydrazide for synthesis	114-83-0	10 g	EM8.20561.0010
	(S)-(-)-1-Phenylethylamine for the resolution of racemates for	2627-86-3	10 mL	EM8.07047.0010
	synthesis			
	Phthaldialdehyde for synthesis	643-79-8	500 mg	EM8.21027.8500
	Platinum(IV) chloride (57.5 % Pt) anhydrous, for synthesis	13454-96-1	100 mg	EM8.07347.8100
	Platinum(IV) oxide hydrate (80 % Pt) hydrogenation catalyst for synthesis	52785-06-5	500 mg	EM8.07346.8500
	Pyrazine for synthesis	290-37-9	2 a	FM8 07064 0002
	Pyrrole for synthesis	109-97-7	- 9 10 mL	EM8.07492.0010



	Product	CAS	Pack size	VWR Cat. No.
S	Sebacoyl dichloride for synthesis	111-19-3	5 mL	EM8.18899.0005
	Selenium dioxide (sublimed) for synthesis	7466-08-4	5 g	EM8.00653.0005
	Sodium borohydride fine granular for synthesis	16940-66-2	10 g	EM8.06373.0010
	Sodium cyanoborohydride for synthesis	25895-60-7	5 g	EM8.18053.0005
	Sodium 1-octanesulfonate for surfactant tests	5324-84-5	2 g	EM1.12292.0002
	Sodium trifluoroacetate for synthesis	2923-18-4	10 g	EM8.21164.0010
Т	Tellurium dioxide 99.5+	7446-07-3	10 g	EM1.12356.0010
	Tetrakis(triphenylphosphine)-palladium(0) for synthesis	14221-01-3	500 mg	EM8.14761.8500
	N,N,N',N'-Tetramethyl-1,4-phenylenediammonium dichloride for synthesis	637-01-4	2 g	EM8.21102.0002
	Tetra-n-butylammonium bromide for synthesis	1643-19-2	10 g	EM8.18839.0010
	Tetra-n-butylammonium chloride for synthesis	1112-67-0	10 g	EM8.14645.0010
	Tetra-n-butylammonium fluoride trihydrate for synthesis	87749-50-6	5 g	EM8.18164.0005
	Tetra-n-butylammonium hydroxide (20 % solution in water) for synthesis	-	50 mL	EM8.18759.0050
	Tetrapropylammonium hydroxide (40 % solution in water) for synthesis	-	10 mL	EM8.14068.0010
	Tributyltin hydride for synthesis	688-73-3	5 mL	EM8.14109.0005
	3-(Triethoxysilyl)propylamine for synthesis	919-30-2	50 mL	EM8.21619.0050
	Triethyl orthoacetate for synthesis	78-39-7	50 mL	EM8.20934.0050
	Triethylamine trishydrofluoride for synthesis	73602-61-6	2 mL	EM8.14371.0002
	Trifluoromethanesulfonic anhydride for synthesis	358-23-6	2 mL	EM8.18043.0002
	Triisopropyl borate for synthesis	5419-55-6	50 mL	EM8.41264.0050
	Trioctylamine for synthesis	1116-76-3	10 mL	EM8.08649.0010
U	n-Undecane for synthesis	1120-21-4	50 mL	EM8.18629.0050
V	Vinyl acetate (stabilized) for synthesis	108-05-4	10 mL	EM8.03184.0010

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