

## 96-6670 Evonik Heterogeneous Catalyst Kit

1 kit

Components also available for individual sale in 10g and 50g sizes.  
Contains the following:

44-4060	Ruthenium, 5% on activated carbon, (50-70% wetted powder) Evonik Noblyst® P3060 (7440-18-8)	10g
45-1863	Rhodium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P3053 (7440-16-6)	10g
46-1703	Palladium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P1086 (7440-05-3)	10g
46-1706	Palladium, 10% on activated carbon, Pearlman (50-70% wetted powder) Evonik Noblyst® P1070 (7440-05-3)	10g
46-1740	Palladium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P1090 (7440-05-3)	10g
46-1743	Palladium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P1093 (7440-05-3)	10g
46-1747	Palladium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P1092 (7440-05-3)	10g
46-1750	Palladium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P1109 (7440-05-3)	10g
78-1530	Platinum, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P2058 (7440-06-4)	10g
78-1534	Platinum, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P2060 (7440-06-4)	10g
78-1536	Platinum 1% and vanadium 2%, on activated carbon (50-70% wetted powder) Evonik Noblyst® P8078 (7440-06-4)	10g
78-1540	Platinum, 3% on activated carbon, sulfided (50-70% wetted powder) Evonik Noblyst® P2065 (7440-06-4)	10g

## 96-6674 Evonik Heterogeneous Catalyst Kit for Selective Hydrogenation

1 kit

Components also available for individual sale in 10g and 50g sizes.  
Contains the following:

44-4060	Ruthenium, 5% on activated carbon, (50-70% wetted powder) Evonik Noblyst® P3060 (7440-18-8)	10g
45-1863	Rhodium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P3053 (7440-16-6)	10g
78-1530	Platinum, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P2058 (7440-06-4)	10g
78-1534	Platinum, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P2060 (7440-06-4)	10g
78-1536	Platinum 1% and vanadium 2%, on activated carbon (50-70% wetted powder) Evonik Noblyst® P8078 (7440-06-4)	10g
78-1540	Platinum, 3% on activated carbon, sulfided (50-70% wetted powder) Evonik Noblyst® P2065 (7440-06-4)	10g

## 96-6672 Evonik Heterogeneous Palladium Catalyst Kit

1 kit

Components also available for individual sale in 10g and 50g sizes.  
Contains the following:

46-1703	Palladium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P1086 (7440-05-3)	10g
46-1706	Palladium, 10% on activated carbon, Pearlman (50-70% wetted powder) Evonik Noblyst® P1070 (7440-05-3)	10g
46-1740	Palladium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P1090 (7440-05-3)	10g
46-1743	Palladium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P1093 (7440-05-3)	10g
46-1747	Palladium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P1092 (7440-05-3)	10g
46-1750	Palladium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P1109 (7440-05-3)	10g

**Sold in collaboration with Evonik for research purposes only.**

Visit [www.strem.com](http://www.strem.com) for new product information and a searchable catalog.

**Strem Chemicals, Inc.**  
7 Mulliken Way  
Newburyport, MA 01950  
U.S.A.  
Tel: 978.499.1600  
Fax: 978.465.3104  
Email: [info@strem.com](mailto:info@strem.com)

**Strem Chemicals, Inc.**  
15, rue de l'Atome  
Zone Industrielle  
67800 BISCHHEIM France  
Tel: (33) 03 88 62 52 60  
Fax: (33) 03 88 62 26 81  
Email: [info.europe@strem.com](mailto:info.europe@strem.com)

**Strem Chemicals, Inc.**  
Postfach 1215  
77672 KEHL  
Germany  
Tel: 0 78 51/ 7 58 79  
Email: [info.europe@strem.com](mailto:info.europe@strem.com)

**Strem Chemicals UK Ltd.**  
An Independent Distributor of Strem Chemicals Products  
Newton Hall, Town Street  
Newton, Cambridge  
England CB22 7ZE  
Tel: +44 (0)1223 873 028  
Fax: +44 (0)1223 870207  
Email: [enquiries@strem.co.uk](mailto:enquiries@strem.co.uk)

Strem Item #	96-6670 - Heterogeneous Catalyst Kit											
	96-6672 - Palladium Catalyst Kit						96-6674 - Selective Hydrogenation Kit					
	46-1706	46-1703	46-1740	46-1747	46-1743	46-1750	78-1530	78-1534	78-1540	45-1863	44-4060	78-1536
Evonik Item #	E 101 NE/W	E 101 R/W	E 105 N/W	E 105 NN/W	E 105 O/W	E 107 MA/	F 1015 RE/W	F 105 N/W	F 1082 QHA/W	G 106 N/W	H 198 P/W	CF 1082 BV/W
Nobylst® nomenclature Application/ Catalyst	Nobylst® P 1070 10% Pd	Nobylst® P 1086 5% Pd	Nobylst® P 1090 5% Pd	Nobylst® P 1092 5% Pd	Nobylst® P 1093 5% Pd	Nobylst® P 1109 5% Pd	Nobylst® P 2058 5% Pt	Nobylst® P 2060 5% Pt	Nobylst® P 2065 3% Pt	Nobylst® P 3053 5% Rh	Nobylst® P 3060 5% Ru	Nobylst® P 8078 1% Pt
Hydrogenation of C=C Double Bonds		●		○	●	○						
Hydrogenation of CN Bonds	○		○	●		●	○	●		●		
Reduction of the C=O Group		○		●	○	●				●	●	
Hydrogenation of Nitro Groups	●	●		●	○	○	●	○	○			●
Hydrogenolysis Reactions (Deprotections, Dehalogenations, etc.)	○		●	●		○						
Reductive Alkylation and Amination		●	○	○	●				●			
Hydrogenation of (Hetero) Aromatic Rings		●	○	●	○		○	○		●	●	
Oxidations (Alcohols and Sugars)							●	●				
CC Coupling Reactions	○			●	●	○						
											○ recommended ● preferred	
<p>Note: Please refer to the different reaction classes in the Evonik manual for more detailed information regarding selectivity, activity and reaction conditions. This sample kit is designed as an entry point to find a suitable catalyst. Please contact one of our technical specialists for further recommendations. Most often the catalyst performance can be improved significantly by tailoring the catalyst to your requirements.</p> <p>The recommendations given above are believed to be accurate at the time of publication but EVONIK makes no warranty with respect thereto, including but not limited to any results to be obtained or the infringement of any proprietary right.</p>												

Visit [www.strem.com](http://www.strem.com) for new product information and a searchable catalog.

**Strem Chemicals, Inc.**  
7 Mulliken Way  
Newburyport, MA 01950  
U.S.A  
Tel: 978.499.1600  
Fax: 978.465.3104  
Email: [info@strem.com](mailto:info@strem.com)

**Strem Chemicals, Inc.**  
15, rue de l'Atome  
Zone Industrielle  
67800 BIRSCHHEIM France  
Tel: (33) 03 88 62 52 60  
Fax: (33) 03 88 62 26 81  
Email: [info.europe@strem.com](mailto:info.europe@strem.com)

**Strem Chemicals, Inc.**  
Postfach 1215  
77672 KEHL  
Germany  
Tel: 0 78 51/ 7 58 79  
Email: [info.europe@strem.com](mailto:info.europe@strem.com)

**Strem Chemicals UK Ltd.**  
An Independent Distributor of Strem Chemicals Products  
Newton Hall, Town Street  
Newton, Cambridge  
England CB22 7ZE  
Tel: +44 (0)1223 873 028  
Fax: +44 (0)1223 870207  
Email: [enquiries@strem.co.uk](mailto:enquiries@strem.co.uk)