

## Discover our range of products for heterogeneous catalysis

Heterogeneous catalysis is important as it enables the manufacture of products in fields as diverse as petrochemicals, pharmaceuticals, fine chemicals and environmental applications, by enhancing efficiency and selectivity in chemical synthesis.

Heterogeneous catalysts are often favoured in industry as they are easier to separate, readily recycled, durable and economical.

A particular class of heterogeneous catalysts that has generated much interest in recent years is the zeolites. One example of which, ZSM-5, is a very effective catalyst for the conversion of toluene to a mixture of xylenes in the manufacture of polyesters.

We offer ZSM-5 and a wide variety of the most popular heterogeneous catalysts in a variety of convenient pack sizes and grades, the most popular of which are shown below.

Heterogeneous Catalysis			
Product code	Product name	Pack size	CAS no.
326211000	Nickel on alumina catalyst, 50wt.% 15-25 M2 Ni surface/G, reduced and stabilized	100g	8049-31-8
199620100	Palladium hydroxide on carbon, 20% Pd, unreduced, moisture approx. 60%, powder	10g	12135-22-7
199620500		50g	
195080010	Palladium on 1/8-inch alumina pellets, 0.5% Pd	1kg	7440-05-3
195080500		50g	
195082500		250g	
217870100	Palladium on activated carbon, 3% Pd, unreduced	10g	7440-05-3
195020100	Palladium on activated carbon, 5% Pd, unreduced	10g	7440-05-3
195021000		100g	
195025000		500g	
422980010	Palladium on activated carbon, 10% Pd, (50% wet with water for safety), unreduced	1g	7440-05-3
422980100		10g	
422980250		25g	
422981000		100g	
195030010	Palladium on activated carbon, 10% Pd, unreduced	1g	7440-05-3
195030100		10g	
195030500		50g	
195032500		250g	
293030100	Palladium on alumina, 5% Pd, powder, dry	10g	7440-05-3
293030500		50g	

## Heterogeneous Catalysis

Product code	Product name	Pack size	CAS no.
317530100	Palladium on barium sulfate, 5% Pd, reduced	10g	7440-05-3
195060100	Palladium on barium sulfate, 5% Pd, unreduced	10g	7440-05-3
195060500		50g	
195070100	Palladium on calcium carbonate, poisoned with 3.5% lead, 5% Pd	10g	7440-05-3
195070500		50g	
388980100	Palladium on calcium carbonate, 5% Pd, reduced	10g	7440-05-3
388980500		50g	
195210010	Platinum black, 98% Pt	1g	7440-06-4
195210050		5g	
195220010	Platinum on activated carbon, 1% Pt	1g	7440-06-4
195220250		25g	
195230100	Platinum on activated carbon, 5% Pt	10g	7440-06-4
195230500		50g	
293660100	Platinum on activated carbon, 5% Pt, not reduced	10g	7440-06-4
293660500		50g	
195240010	Platinum on activated carbon, 10% Pt, approx. 50% moisture	1g	7440-06-4
195240100		10g	
195240500		50g	
318855000	Platinum, 99.9%, (trace metal basis), powder, 0.27-0.47 microns	500mg	7440-06-4
318845000	Platinum, 99.9%, (trace metal basis), powder, 0.8-2.2 microns	500mg	7440-06-4
193710010	Platinum, 99.999%, (trace metal basis), powder	1g	7440-06-4
390810250	Potassium fluoride, 40 wt.% on alumina	25g	7789-23-3
390811000		100g	
395921000	Raney™-Nickel, activated catalyst, 50% slurry in water	100g	7440-02-0
395925000		500g	
396490010	Rhodium on activated carbon, 5% Rh, reduced, dry	1g	7440-16-6
396490050		5g	
195440010	Rhodium on activated carbon, 5% Rh, unreduced, dry	1g	7440-16-6
195440050		5g	
195440250		25g	
199570050	Rhodium on alumina, 5% Rh, powder	5g	7440-16-6
199570250		25g	
199571000		100g	
195460250	Ruthenium on activated carbon, 5% Ru, unreduced, approx. 50% moisture	25g	7440-18-8
195461000		100g	
206422500	Vanadium(V) oxide, 99.6+%	250g	1314-62-1
206420010		1kg	

## Heterogeneous Catalysis

Product code	Product name	Pack size	CAS no.
207991000		100g	
207995000	Vanadium(V) oxide, 98+%	500g	1314-62-1
207990025		2.5kg	
450160250		25g	
450162500	Vanadium(V) oxide, 99+%	250g	1314-62-1
450160010		1kg	
279571000		100g	
279575000	Zeolite, type: ZSM-5	500g	308081-08-5
279570050		5kg	

For more information, or for a complete list of our products for heterogeneous catalysis, please visit [www.acros.com](http://www.acros.com).

To place an order, contact your local distributor.



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