Our new Chemicals Catalog

Taking you wherever you want to go

Merck Millipore news
Spectroquant® liquid chlorine test
Application support for HPLC
GHS labeling kits
Extending our excellence

Merck Millipore: your global partner for premium lab solutions

Now that Merck and Millipore have joined forces, Lab Solutions customers enjoy more choice and better support than ever. The reason is simple: By converging our competencies, we’ve extended our expertise in chemicals and reagents to cover the fields of water purification and BioMonitoring too.

In addition to our full range of premium products and services, we’ve broadened our portfolio to include Lab Water and BioMonitoring tools. Highly effective tools like the Milli-Q® and Spectroquant® photometers make it easier to test effectively for pollution in pharmaceuticals, food, and beverages.

With more than 30,000 laboratory chemicals, reagents, and labware products, our Lab Solutions portfolio has everything you need for smoother, more efficient workflows. And when our new web pages go online next year, finding the right products will be easier than ever too.

For more information, visit www.merckmillipore.com/lab-solutions

Accuracy you can count on

The new Solvents Catalog for tailor-made solvents in tailor-made packaging

We know how busy you are. So when we revised our Solvents Catalog, we took care to make the structure as clear and consistent as possible. After all, the less time you spend searching, the more time you have for the work on your desk.

Inside the front cover is a fold-out overview of what’s inside, presented as a pie chart for instant orientation. The catalog has two main sections: one for high-purity solvents for instrumental analysis, the other for the classical solvents you use for analysis and synthesis. Both sections contain separate chapters for each application, plus additional chapters on packaging and withdrawal systems. These include technical data and pictures, as well as instructions on how to handle solvents safely while you work.

All chapters use the same structure, and are color-coded for easier navigation. The final chapter on accessories covers everything from gas-reducing valves or anti-static devices to complete cabinet systems, and rounds off the new catalog perfectly.

To download your catalog, visit www.merck-chemicals.com/new-solvents-catalog
Extending our excellence

Ready for the future: our new look and logo.

When two leading life-science tools companies like Merck and Millipore join forces, everything changes – including the logo. So from now on, all our new packaging, print materials, and online resources will be successively changed to our new corporate design. Given the breadth of Merck Millipore’s product offering, it will require several years to fully complete the transition to the new brand.

As a company known for reliability and quality, we wanted our new look to reflect the continuity our customers value so highly. At the same time, we also wanted it to express the innovative spirit that helps us develop state-of-the-art products on their behalf. The result? A clean, light approach that combines our competencies perfectly.

For more information, visit www.merckmillipore.com

Our new brand
The new Merck Millipore logo and design

Everything you need at a glance
The new Merck Chemicals & Reagents Catalog

Surprising as it may sound, we want you to spend less time reading our Chemicals Catalog in future. So in addition to over 250 new products, the latest version of our standard reference work makes it even easier to find what you’re looking for fast.

The larger print size is easier on the eyes, and we’ve extended the keyword index and added more cross-references to save you time and effort. All products are listed IUPAC-compliantly and alphabetically in the main section, and there’s also advice on both regulatory information, and classification and labeling in accordance with GHS/CLP.

The catalog is available in several language versions, each with their own specific content. As of April 2011, you can download the catalog as an app for your iPhone or iPad too. We have also published a short video and an online game on the Merck Chemicals website – watch this space for details: www.merck-chemicals.com/new-chemicals-catalog

Your reliable companion for your daily lab work: the new Merck catalog.
Our new 10L Titripac® packaging for volumetric solutions and buffers offers more benefits than its predecessor, and is easier to use and handle too. It’s even safer to work with, requires less space, and reduces packaging waste. Who says good things only come in small packages?

To open the new compact pack, just press the flap and pull out the tap. The entire carton is more stable and has built-in handholds for easier carrying. And when it’s time for disposal, the single cardboard box keeps packaging waste to a minimum. For details, visit www.merck-chemicals.com/titripac-10l

Now in 10L too: proven Titripac® benefits and new, easier handling.

From Kruger to Canyons Biosphere Reserve – continued

Growing the future – one Titripac® at a time

Our public-private partnership with UNESCO* has generated tremendous interest, and many customers are supporting our project by using Titripac®.

In fact, initial results are so promising that we’ve extended our cooperation for a further year, until March 2012.

Over 80 healers are now actively involved in deciding which plants will be given priority, and how funds can best be used to ensure sustainable results. How can you help? Simple: For every Titripac® you order, Merck Millipore donates € 0.50 to UNESCO.

For details, visit www.merck-chemicals.com/unesco-biosphere-reserve or www.merck-chemicals.com/kruger-to-canyons

* see Labmail 2.10, ‘Tradition meets innovation’

Titripac® – the perfect solution

Our new improved 10L Titripac® for more convenience, safety, and ease of disposal

Breaking new ground: Merck Millipore and Titripac®.
Excellence all round

New service, more choice: Merck Millipore BioMonitoring

Now that Merck and Millipore have joined forces, customers get the best of both worlds from a single supplier: proven premium solutions, plus premium filtration products and expertise to match.

Worldwide, Merck Millipore BioMonitoring can supply microbiological products and services that ensure food, water, and pharmaceuticals are safe from biocontamination. Our materials and components also help to diagnose and treat patients all over the world.

And as our process monitoring tools and microbiology know-how continue to converge, we look forward to providing even greater choice and even better service in future.

In upcoming issues of Labmail we’ll be explaining just how the new alliance will benefit customers in all four sectors, starting with ‘pharma’.

For details, visit www.millipore.com/pmt or www.merck-chemicals.com/microbiology

Only from Merck Millipore

Liquid chlorine reagents that need no cooling

Need to check chlorine levels in humid conditions? Our Spectroquant® products are the only liquid chlorine reagents you can store at room temperature with no cooling required (15-25°C).

The new liquid reagents work perfectly with our portable Colorimeter Spectroquant® Picco instruments. Together, they provide fast, reliable on-site analyses in one minute.

And because you can order the 30 ml refills separately, you’ll never have to order three reagents again when you only need two for your free chlorine testing.

Spectroquant® Chlorine liquid reagents meet both the EU drinking water requirements for measurement accuracy, and the World Health Organization guidelines. For details, visit www.merck-chemicals.com/sq-chlorine-determination

Merck Millipore BioMonitoring means industrial microbiology plus OEM diagnostics.
Every now and then, a new product comes along that's so convenient – and so simple –, you wonder why nobody thought of it before. Think of Post-its (Stickies), for example, or safety pins... even the humble paperclip.

The new Merck Millipore GHS self-labeling kit is that kind of product. Instead of trying to decipher the cryptic notes your colleagues write on their solvent mixtures, you can now read all relevant information at a glance. And since every bottle uses the same foolproof system, potentially dangerous errors are eliminated for good.

As you'd expect from the company that is pioneering GHS, our new labeling set is highly logical and extremely easy to use. Each pack contains 20 self-adhesive basic labels that you fill out yourself, stickers with GHS pictograms and signal words, and a special package insert which includes all hazard and precautionary statements and EUH statements. Even the adhesive is designed to make life easier: the labels peel off cleanly after use, allowing you to re-use bottles for fresh mixtures next time around.

For details, visit www.merck-chemicals.com/ghs-labeling-set

Merck Millipore GHS self-labeling kits – for more clarity and higher safety standards in the lab.

Merck leads the way in GHS safety and protection

You, Merck, and GHS – the ideal training team

As a global company we're all for diversity – but not when it comes to safety standards or environmental protection! That's why Merck plays such an active role in implementing GHS, the Globally Harmonized System of Classification and Labeling of Chemicals.

We do more than most manufacturers to help you protect and train your staff. All our Material Safety Data Sheets of substances are in line with GHS – and you can download the latest versions of these Material Safety Data Sheets in more than 30 languages under www.merck-chemicals.com

The new GHS online course covers over 100 questions within 17 chapters to test and improve your knowledge about GHS, and we're happy to provide posters and other educational materials for your lab too. For further details, please visit www.merck-chemicals.com/ghs

Merck Chemicals: improve your safety with GHS-labeled chemicals and trainings.
Get connected

New: HPLC adapters for Merck Millipore bottles

Ever wished you could connect our S40 solvent bottles to your HPLC instruments without having to use a third-party adapter? Now you can – thanks to the new Merck Millipore HPLC adapter. There are two versions: one for emptying bottles, the other for use with waste-collecting bottles. Both are made of high-quality PTFE and are designed to withstand even aggressive solvents permanently.

Thanks to their replaceable built-in exhaust air filters, the new adapters improve lab and environmental safety by drastically reducing emissions during use. And because they also prevent resign of solvents from the bottle, they save you money by keeping solvent consumption to a minimum too. For details, visit www.merck-chemicals.com/hplc-bottle-adapter

Made for each other: Merck Millipore HPLC adapters and Merck S40 bottles.

Fast on our feet

Merck Millipore’s global support team for HPLC applications

Who says big companies are less agile? Next time you need technical or application support for an HPLC application, one call to your local sales organization is all it takes to mobilize our entire global chromatography resources on your behalf.

If you’re having problems with your separation, our dedicated team of experts will come up with an answer within 24 hours – regardless of where in the world you happen to be. And if you need assistance with developing HPLC solutions, they’ll provide the international insights and expertise that give you the edge.

With strategic bases in Sweden, Germany, China, India, Brazil, and Taiwan, our support team already spans the world – and the new base in Peru will make it swifter still. So if you’re looking for hands-on local support from the global experts for HPLC, look no further. Ask your local sales organization for details – or visit www.merck-chemicals.com/analytical-hplc

Local support worldwide: the Merck Millipore HPLC support team.
Four at a stroke
Our next-generation foodproof® GMO screening kit, 5’Nuclease

If you thought our existing foodproof® GMO1 screening kits were impressive, wait till you try the new version! In addition to detecting both primary DNA control sequences (35S and NOS) reliably and accurately, the new multiplex real-time PCR kit for use on TaqMan®2-based and LightCycler®3 480 instruments can also detect the more recent BAR and FMV indicators. As a result, you can now screen foodstuffs for all four indicators quickly in a single reaction.

Frequent users will appreciate the fact that we also offer a universal GMO sample preparation kit for DNA extraction; it can be used in combination with all our foodproof® GMO screening and quantification kits. All foodproof® real-time PCR kits are ready to use, which means they include all reagents for amplification, positive/negative, and internal amplification controls for highest diagnostic quality assurance. For details: www.merck-chemicals.com/foodproof

1 genetically modified organisms
2 TaqMan® is a trademark of Roche Diagnostics
3 LightCycler® is a trademark of Roche Diagnostics

Only from Merck Millipore: one test, four indicators – the new foodproof® real-time GMO screening kit, 5’Nuclease.

Upcoming events

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>August, 2-4</td>
<td>Intervitis Interfructa 2011</td>
<td>Cape Town, South Africa</td>
</tr>
<tr>
<td>September, 16-21</td>
<td>37th NSH Symposium/Convention</td>
<td>Cincinnati (OH), USA</td>
</tr>
<tr>
<td>September, 18-21</td>
<td>AOAC Annual Meeting</td>
<td>New Orleans, USA</td>
</tr>
<tr>
<td>September, 20-22</td>
<td>Analitica Latin America 2011</td>
<td>Sao Paulo, Brazil</td>
</tr>
<tr>
<td>September, 27-29</td>
<td>LabAsia 2011</td>
<td>Kuala Lumpur, Malaysia</td>
</tr>
<tr>
<td>October, 11-13</td>
<td>Biotechnica</td>
<td>Hannover, Germany</td>
</tr>
<tr>
<td>October, 12-14</td>
<td>Analytica Anacon 2011 India</td>
<td>Mumbai, India</td>
</tr>
</tbody>
</table>

Published by:
Merck Millipore
A division of Merck KGaA
Frankfurter Strasse 250
64293 Darmstadt
Germany
labmail@merckgroup.com

Content:
Merck Millipore & Paul Batchelor
& Kemper Kommunikation GmbH

Layout:
Kemper Kommunikation GmbH

We provide information and advice to our customers on application technologies and regulatory matters to the best of our knowledge and ability, but without obligation or liability. Existing laws and regulations are to be observed in all cases by our customers. This also applies in respect to any rights of third parties. Our information and advice do not relieve our customers of their own responsibility for checking the suitability of our products for the envisaged purpose.