Detailed Information on Globally Harmonized Labels

What is the reason for the modification of the labels?

Since we act in a global business environment we would like to have harmonized products, labels and article numbers worldwide. This will enable all customers working in more than one country to develop standard processes and procedures which can be readily extended to their facilities in other countries knowing that they can always locally source identical products and services unambiguously. It also allows our worldwide subsidiaries to order and receive one product under the same item number and label to support those needs of international companies as well as provide globally competitive products to local companies.

What will change?

1. The item numbers will be harmonized to a global code.
   For production chromatography, pharmaceutical and biopharmaceutical raw materials it means no change in the first 6 digits which represent the MM article code. There might be only a change of the last 4 digits which represent the pack size code. e.g. US item: 1.00160.9024 will be 1.00160.9025
   For laboratory materials it might mean a change either in the article number or a change in the pack size code. For details kindly contact your local business partner and ask for a cross reference list or simply visit our website (www.emdmillipore.com/productnumber).

2. The EMD logo will be removed and substituted by one universal M logo.

3. The former label contained color coded storage bars, for certain hazardous classes, to assist in proper storage. The color coded storage bars will be removed since there is no legal obligation to include them.

4. The hazard symbols will be harmonized and in the future only GHS hazard symbols will be used (GHS = Globally Harmonized System).

5. The future label will contain both the global corporate and US specific addresses together with the respective emergency numbers. In the past only the US specific data were included. The global corporate address is Merck KGaA, Darmstadt. Since the acquisition of Millipore the US specific address is EMD Millipore Corporation in Billerica, MA (formerly: EMD Chemicals in Gibbstown, NJ).

6. The former web address www.emdchemicals.com will be removed from the label.

7. Mandatory US specific warnings will be added to the GHS statements in accordance with all federal and state requirements.

8. The US NFPA hazard diamond will be moved from the bottom left hand side to the top right hand side of the label.

9. The specification will continue to be provided on the label except on small pack sizes where there is insufficient space on the label.
Specific Label Questions

1. What does the Country of Origin mean?
The Country of Origin refers to the country where the substantial production step occurs (original manufacturer).

2. Which labels will be affected by the modification?
All labels for global Merck Millipore/EMD Millipore products manufactured in Darmstadt will be changed to the newly designed labels over the next two years; any residual products only available in North America will not have their label design changed and will continue to conform to local needs only.

3. Will the labels be the same for all pack sizes?
No – in addition to the omission of specifications due to space reasons the labels for small packages will not include the NFPA hazard diamond usually used in the US.

4. What about the labels for mixtures?
In the US the inclusion of up to 5 major components is required. Therefore the labels for mixtures will not contain the specification.

5. What about the Canadian WHMIS specific requirements?
The current Canadian WHMIS specific requirements for appropriate products will not be included. When Canadian adaption of GHS is finalized, this will be re-evaluated.

6. How do I know which will be the new item number to purchase?
For production chromatography and pharmaceutical, biopharmaceutical raw materials you are already buying we will inform you about the new item numbers with a customer notification letter.

For new items please check our catalogue or ask your usual contact partner.

As laboratory products are introduced with the new product numbers and labels EMD Millipore will be announcing by email, field force and website all the information pertaining to those items. There will be such launches and notifications at the beginning of each calendar quarter starting in early April 2012 and running throughout 2012 and 2013. The information will make clear which items are entirely new to North America and which are simply number and label changes; cross references for the latter will also be provided in summary form and against each appropriate product on the EMD Millipore web site.

If you are not receiving such an email notification, please visit our website and sign up to receive them.

7. Is it possible to get a sample label?
In case that you might need a sample label for internal purposes please contact your local business partner for further information.

8. I have a question regarding the new labels. Whom can I contact?
For general questions please look at our web address www.emdmillipore.com/globallabel. For additional questions please contact your usual business partner at EMD Millipore.

9. Will the quality of the product change?
No, production and quality of the products will not change.

Time Line

1. When will we get products with the new global label?
For chromatography production products you can start ordering the new part numbers as of July 2012.

For pharmaceutical and biopharmaceutical raw materials the switch to the global label is foreseen 6 months after our notification letter or around October 2012.

For laboratory products a progressive roll out over 2012 and 2013 is foreseen. For details on the product time schedule please contact your local business partner.

2. Is it possible to receive materials with old labels after October 2012?
Yes – we anticipate having some product stocks with old labels and will continue supply until those stocks are exhausted.