



June 18, 2010

Purchasing Manager

Dear Customer,

We are contacting you, in writing, to notify you of a product change.

Product Description: **L-Cysteine Hydrochloride Monohydrate, EMPROVE EXP, USP, PH EUR**

Item No: **1.02735 (all product sizes)**

We have been informed of the following change from Merck KGaA.

In accordance to applicable standards the minimum shelf life of our pharmaceutical raw materials is based on our knowledge about long term handling materials. During the EMPROVE qualification program for the first time stability studies has been performed. The shortly reduced minimum shelf life has been indicated basing on studies in small packaging. These investigations are not yet completely finished and will be continued.

Due to this reason the shelf life will be reduced, as preventive action, from 5 years to 24 months after production date with immediate effect.

There has been no change in the production process.

Please contact our technical service department if you need further assistance to qualify this manufacturing site improvement. Please contact your EMD sales representative if you need evaluation samples (when available).

Our sincere apologies for any inconvenience this may cause you. We remain committed to providing you with the highest quality products and service.

Thank you for your continued support of EMD Chemicals' products.

Sincerely,

A handwritten signature in black ink, appearing to read "Joe Schoellkopf". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Joe Schoellkopf
Quality Assurance Manager

Email: joe.schoellkopf@emdchemicals.com