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RE: For Your Information "FYI" submission on lactose treated with hydrophilic zinc oxide nanoparticles

To Whom It May Concern:

3M recently received draft data from an inhalation study in rats conducted on lactose blended with hydrophilic zinc oxide nanoparticles. In this study, animals dosed with 3.18 mg/L of the test material for 1 hour/day, five days/week for two weeks exhibited treatment-related effects including hematological changes, increases in several bronchoalveolar lavage fluid (BALF) parameters, increased lung weights, and histopathologic changes of the lungs and olfactory epithelium.

Although the test article was being investigated for an FDA-regulated application, 3M recognizes the EPA's interest in nanotechnology. For this reason, these data are being forwarded to the EPA as an FYI-submission.

The final report for this study is not yet available, but will be forwarded to the EPA upon receipt.

Please contact Deanna Luebker at 651-737-1374 or djluebker@mmm.com if you have any questions or if we can provide additional information.

Sincerely,

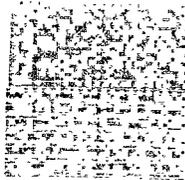
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