



Protecting, maintaining and improving the health of all Minnesotans

September 2, 2009

Mr. Bruce Busch
Fremont Industries, Inc.
4400 Valley Industrial Boulevard North
Shakopee, Minnesota 55379-1859

Dear Mr. Busch:

Subject: Approval of Fremont 9134FG, 9134FG-25D, 9134FG-30D, 9134FG-35D, 9134FG-40D, 9134FG-45D, and 9134FG-50D Inhibited Propylene Glycol Heat Transfer Fluids for Use in Closed Loop Vertical Heat Exchangers in Minnesota

The Minnesota Department of Health (MDH) has reviewed your request to allow Fremont 9134FG, 9134FG-25D, 9134FG-30D, 9134FG-35D, 9134FG-40D, 9134FG-45D, and 9134FG-50D inhibited propylene glycols to be used in regulated vertical heat exchangers in Minnesota.

Information submitted with the request indicates that the Fremont 9134FG products manufactured by Fremont Industries, Inc. are propylene glycols with corrosion inhibitors. Ingredient details indicate that each of the listed Fremont 9134FG products consists of three components: United States Pharmacopeia (USP) grade propylene glycol; food-grade dipotassium phosphate, and distilled water. The products are packaged at full-strength (9134FG) and a range of propylene glycol dilutions from 25 percent (9134FG-25D) to 50 percent (9134FG-50D).

Letters from NSF International to Fremont Industries, Inc., each dated June 28, 2009, document that Fremont 9134FG, 9134FG-25D, 9134FG-30D, 9134FG-35D, 9134FG-40D, 9134FG-45D, and 9134FG-50D Inhibited Propylene Glycols are registered nonfood compounds acceptable for use as a heat transfer fluid where there is a possibility of incidental food contact. Each of these seven products is included in the current NSF White Book™ listing of nonfood compounds.

Minnesota Rules, part 4725.7050, subpart 1, item E specifies that only food-grade or USP-grade propylene glycol and potable water may be used as heat transfer fluid. The MDH has also accepted food-grade or USP-grade propylene glycol with additives when a complete list of additives is provided to the MDH, documentation is submitted verifying that each of the additives is food-grade or USP-grade, and the product is listed by NSF International as a nonfood compound suitable for use where there is a possibility of food contact.

The MDH has determined that Fremont 9134FG, 9134FG-25D, 9134FG-30D, 9134FG-35D, 9134FG-40D, 9134FG-45D, and 9134FG-50D Inhibited Propylene Glycols satisfy the requirements of Minnesota Rules, Chapter 4725, Wells and Borings, and that these seven products may be used as heat transfer fluids in regulated vertical heat exchangers in Minnesota.

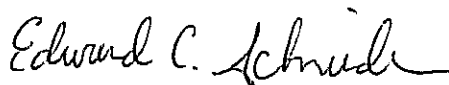
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Approval of Fremont 9134FG, 9134FG-25D, 9134FG-30D, 9134FG-35D, 9134FG-40D, 9134FG-45D, and 9134FG-50D is based on the label and formulation information provided in your request, and is contingent on continued listing in the NSF White Book™ listing of nonfood compounds. Any change to a product name, formulation, or NSF listing status will result in suspension or termination of the MDH approval for that product until such time as a new written approval is issued by the MDH.

Approval of a product by the MDH does not constitute an endorsement of the product by the MDH, nor does it constitute an assessment of the product's effectiveness.

Please feel free to contact me at 651/201-4595 if you have any questions or if I can be of further assistance.

Sincerely,

A handwritten signature in black ink that reads "Edward C. Schneider". The signature is written in a cursive style with a prominent loop at the end of the last name.

Edward C. Schneider, Hydrologist
Well Management Section
Minnesota Department of Health
P.O. Box 64975
St. Paul, Minnesota 55164-0975

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