



October 5, 2017

Re: Genesis Alkali Caustic Soda (50%) - Foreign Material Control Statement

Genesis 50% Sodium Hydroxide (Caustic Soda) is produced from chemical processing of a naturally occurring mineral source at the Genesis Green River, Wyoming facility. The process is dedicated to the production of Caustic Soda, and totally enclosed. This fully enclosed process, involving both centrifuge and filtration steps, prevents foreign material from entering the final product.

A feed source of 10% caustic is produced from a Soda Ash and water solution, reacted with lime to form Calcium Carbonate and Sodium Hydroxide. The Calcium Carbonate precipitates and is removed by filtration. The 10% caustic solution is concentrated to 50% in a quadruple effect evaporation system. The final product is cooled, centrifuged to remove crystals and filtered to produce a water-clear final product.

Please contact me if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads 'Michael Kemmerer'.

Michael Kemmerer
Regulatory/QA Manager
Genesis Alkali, LLC
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