



September 9, 2019

Subject: Detrex Iodine Statement

To whom it may concern,

Iodine is the heaviest of stable halogens. It exists as a solid metallic compound at standard conditions. Iodine is not generally soluble in hydrochloric acid as the Chlorine is a stronger oxidizing agent and cannot displace the hydrogen chlorine bond in hydrochloric acid. Similarly, Iodine is not soluble in the water used to dilute hydrochloric acid. Therefore, any Iodine in a hydrochloric acid production system would remain as a solid and be filtered out.

Iodine and Iodine containing compounds are not used by Detrex Chemicals in the manufacturing and packaging of hydrochloric acid. Likewise, Iodine and Iodine containing compounds are not used in the manufacture of the raw materials Detrex Chemicals uses to manufacture hydrochloric acid. While we do not routinely test for these compounds, to the best of our knowledge we have no reason to suspect they may exist in our hydrochloric acid products.

Sincerely,

A handwritten signature in black ink that reads "Dave Morgan". The signature is fluid and cursive, with the first name "Dave" and last name "Morgan" clearly distinguishable.

Dave Morgan
Global Product Manager, Hydrochloric Acid
Detrex Chemicals