

May 2024

### Supply

Ixom is one of a number of fluoride suppliers in New Zealand and sources approximately 1,000 tonnes of fluoride products for supply to the New Zealand water industry annually. The most common fluoride product used in New Zealand is Hydrofluorosilicic Acid (HFA), however, Ixom also supplies a small amount of Sodium Silicofluoride (SSF), also known as Sodium Fluorosilicate (approximately 50 tonnes per year).

### Manufacture

HFA is manufactured specifically for the water industry by a reputable New Zealand manufacturer. It is supplied as a liquid, which is a 22 percent w/w solution of HFA in water.

HFA is a naturally occurring co-product of the superphosphate fertiliser manufacturing process, during which HFA is extracted from phosphate rock before being concentrated and refined. For detailed information about the manufacture of HFA please refer to the Fluorosilicic Acid standard ANSI/AWWA B703-11 available for purchase from the American Water Works Association, [www.awwa.org](http://www.awwa.org).

### Quality and safety

Safety is of paramount importance to Ixom. Fluoride products are required to meet the quality and safety standards outlined in the Good Practice Guide: Supply of Fluoride for Use in Water Treatment published by the New Zealand Water & Wastes Association, also known as Water New Zealand. The fluoride products sourced and supplied by Ixom in New Zealand meet this standard.

For more on Water New Zealand's Good Practice Guide, [click here](#).

### Further information

Ixom supplies fluoride products to local councils and water authorities throughout New Zealand who add fluoride to their drinking water.

Contact your local council or water company for more information about water fluoridation in your region.

For further information about Ixom please visit [www.ixom.com](http://www.ixom.com)