

## Application Summary

<b>Application number:</b>	ERMA200096, Seguris
<b>Application type:</b>	Notified, Importation or manufacture for release, Category C
<b>Applicant contact:</b>	George Follas
<b>Applicant:</b>	Syngenta Crop Protection Limited 110 Symonds Street Private Bag 92168 Tower 2, Level 7 Auckland 1150 New Zealand
<b>Purpose:</b>	To import Seguris as a fungicide for the control of foliar diseases in wheat and barley.
<b>Date formally received:</b>	31 August 2009

### Application Summary prepared by Syngenta Crop Protection Limited

This application is to gain ERMA approval for the import and release of the substance SEGURIS, a fungicide for the control of foliar diseases in wheat and barley.

The substance will be imported into New Zealand as the finished good. There may be downsizing of the product into sale packs in New Zealand. As a finished good there will be no contact with the raw materials. If repacked this will be carried out in a suitable facility. Standard safety procedures will be followed. The substance can be stored in the original packaging until completely used for its intended use, so there should normally be no need to dispose of excess substance.

SEGURIS contains 125 g/L Isopyrazam, the fungicidal ingredient. A large amount of research has been conducted on Isopyrazam, covering toxicology, ecotoxicology, environmental chemistry and fate, residues, plant safety and efficacy. The other components in the substance are commonly used in crop protection agents such as wetting agents, dispersing agents and antifoams.

SEGURIS is in the form of a liquid that is added to water. The mixture is then agitated until dispersed and applied as a spray to crops. The application rates, timing and method of application will be clearly stated on the product label. As the application rates are low, the amount of the substance being released into the environment annually is low.

A full hazard assessment has been conducted on the substance based on its chemical/physical properties and other available data. A number of studies have been carried out on the substance itself, including acute oral, dermal and inhalation toxicity, eye irritancy, skin irritancy and skin sensitisation and some ecotoxicology studies. Chronic toxicity studies are not available for the substance as a whole but the full range of standard studies have been conducted on the active ingredient, Isopyrazam, and a database search has been conducted on the other ingredients. A large number of environmental chemistry and ecotoxicology studies have also been conducted on Isopyrazam and SEGURIS.

The full hazard assessment has revealed that the substance is hazardous as it triggers thresholds; being: 3.1D, 6.1D, 6.3B, 6.4A, 6.8A, 6.9A, 9.1A and 9.3C. A full risk/cost/benefit analysis has been conducted on the substance, and the applicant concludes that the benefits of the substance far outweigh the risks. Based on the threshold triggers the default controls have been identified, and it is believed that these controls combined with controls already in place for the agricultural chemical industry will ensure that the potential risks are manageable.

Therefore it is concluded that hazards of SEGURIS have been fully identified and the risks to the user, the public, the Maori people and the environment are acceptable and manageable.