



APPLICATION SUMMARY

Application number	APP201974
Application type	Rapid Assessment, Importation or manufacture for release,
Applicant	Tui Products Ltd 26 Hull Road Mount Maunganui South 3116 New Zealand
Purpose	To manufacture Tui Targeted Hydrocotyle Weed Eliminator for Lawns as a herbicide for use in the home garden
Date formally received	28 November 2013

Application summary prepared by Tui Products Ltd

The proposed substance Tui Targeted Hydrocotyle Weed Eliminator for Lawns contains 120 g/L triclopyr as the butoxyethyl ester. The substance is to be used as a herbicide for the control of hydrocotyle and other weeds such as creeping oxalis, daisies, clover and broadleaf weeds in turf and lawns. The substance is to be prepared from a concentrate already approved under the HSNO Act. This concentrate has been used as the reference substance (HSR000829) for this application.

The lower concentration of active ingredient in the Tui Targeted Hydrocotyle Weed Eliminator for Lawns results in a substance with some lesser hazard classifications. The reference substance has been identified with hazardous classifications of 6.1D, 6.3B, 6.4A, 6.5B, 6.9B, 9.1A, 9.2A and 9.3C. The hazardous classifications for the Tui Targeted Hydrocotyle Weed Eliminator for Lawns are 6.1E, 6.4A, 6.5B, 6.9B, 9.1B and 9.2A.

The Tui Targeted Hydrocotyle Weed Eliminator for Lawns is intended to be diluted with water prior to application by low pressure spray. A benefit of a lower concentration product is that the home gardener can buy a small single pack and dilute to a set volume of water in a small sprayer. A proposed pack size (50 ml) is sufficient to dilute with 5 litres of water to prepare an aqueous ready-to-use solution for 50 m² of lawn. These lower concentration products means handling a substance with less and lower hazardous classifications. A small pack size also means the user can purchase just sufficient product to meet their immediate requirements so does not need to store unused concentrate product in a home environment. A typical shelf life of agricultural products is 2 years and unless small pack sizes are available this can result in wastage of unused product and disposal issues for unwanted or expired product.

The disposal of product would be for the intended use as a herbicide spray. The advice for disposal of empty containers is to triple rinse with water and using the rinsate for the intended purpose (as

herbicide spray), then to dispose of the empty rinsed containers by crushing and burying in an approved landfill.