Health Canada Santé Canada

STATUS DECISION OF CONTROLLED AND NON-CONTROLLED SUBSTANCE(S)

Substance: Propiconazole

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

Controlled	☐
Not Controlled	✓

under the schedules of the *Controlled Drugs and Substances Act* (CDSA) for the following reason(s):

- The substance is not similar to any of the substances listed in the CDSA.

Prepared by: _____ Date: Aug 26h 2010
Evelyn Soo

Verified by: _____ Date: _____
Marianne Tang

Approved by: _____ Date: _____
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Precursors section

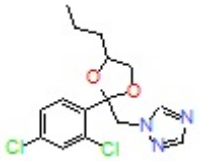
Drug Status Report

Drug: Propiconazole

Drug Name Status: Propiconazole

Chemical Name: 1-((2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl)methyl)-1H-1,2,4-triazole

Chemical structure:



Molecular Formula: $C_{15}H_{17}Cl_2N_3O$

Pharmacological class / Application: Fine chemical; fungicide

CAS-RN: 60207-90-1

International status:

US: The substance is not listed specifically in the CSA and is not mentioned anywhere on the DEA website.

United Nations: The substance is not listed on the Yellow List - List of Narcotic Drugs under International Control, Green List - List of Psychotropic Substances under International Control, nor the Red List - List of Precursors and Chemicals Frequently Used in the Illicit Manufacture of Narcotic Drugs and Psychotropic Substances Under International Control

Canadian Status: Propiconazole is a broad spectrum systemic fungacide and is mainly used to control rust disease in agricultural food production[1,2]. The substance is not current listed in the CDSA and is not similar to any of the substances included in the Schedules to the CDSA.

Recommendation: Propiconazole is not included in the Schedules to the CDSA and is not considered a controlled substance nor a precursor.

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[1]Kadifkova, T. *et al.* (2000) Determination of propiconazole residues in tomatoes by gas chromatography, Bull. Chem. Technol. Macedonia, 19:27-33.

[2]Buettler, B. (1983) Gas chromatographic determination of propiconazole and etaconazole in plant material, soil and water, J. Agri. Food Chem. 31:762-765.

Date: 26 August 2010