Australian Government
Australian Pesticides and Veterinary Medicines Authority

ADVICE SUMMARY

APPLICATION FOR REGISTRATION OF A CHEMICAL PRODUCT

Product name: IMTRADE TRIALLATE 750 EC HERBICIDE

Applicant: IMTRADE AUSTRALIA PTY LTD

Product number: 69401

Application number: 60680

Purpose of Application and Description of Use: Registration of a 750g/L triallate emulsifiable concentrate product for the control of wild oats in wheat, triticale, chickpeas, barley, peas, linseed, lupins, canola (rapeseed), faba beans and safflower.

Active Constituent(s): TRI-ALLATE

Regulatory Decision:

To grant the application subject to the following conditions:

Standard Conditions of Registration/Approval

1. Containers must meet AgVet Code Regulation 18
2. Agricultural products must meet Active Constituents Quality Assurance Requirements
3. Label must contain a Date of Manufacture and Batch Number

For full conditions, refer to Standard Conditions for Applications on the APVMA website.

ADVICE

Australian Government Department of Health and Ageing, Office of Chemical Safety

The OCS has conducted the toxicology assessment for the proposed new herbicide product Imtrade Triallate 750EC Herbicide, containing triallate at 750 g/L, in an emulsifiable concentrate. The proposed product is intended for the control of wild oats in a variety of crops including barley, triticale, wheat, chickpeas, faba beans, lupins, peas, linseed, canola and safflower.

The OCS has estimated the acute toxicology profile of the product using available data on the active constituent and the excipient in the product.

The ADI is 0.005 mg/kg bw/d, established in 1988 based on a NOEL of 0.5 mg/kg bw/d from a 2 year dietary study in -rats based on testicular atrophy and decreased liver weights in males at the next highest dose, and applying a 100 fold safety. No acute reference dose (ARfD) has been established for triallate and there were no additional data submitted to establish an ARfD at this time. Triallate is listed in Schedule 5 of the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), with no cut-off or exceptions. Imtrade Triallate 750EC Herbicide contains triallate at 750 g/L and is therefore classified as a Schedule 5 poison.

Based on the assessment, Imtrade Triallate 750EC Herbicide is estimated to have low acute oral, low acute dermal and low acute inhalational toxicity. It is expected to cause moderate eye and skin irritation. The product is also expected to be irritating to mucous membranes and to cause skin sensitisation.

Taking into consideration of the potential toxicological hazard, use pattern and likelihood of handler exposure, the Safety Directions, re-entry and precautionary statements have been recommended and therefore incorporated into the label.

The OCS therefore recommended to the APVMA that there are no objections on human health grounds to the registration of the product Imtrade Triallate 750EC Herbicide, containing 750 g/L of triallate. Furthermore the proposed use of product “Imtrade Triallate 750EC Herbicide” will not be an undue health hazard to humans according to the criteria stipulated in Section 14 of the Ag/Vet Code Act of 1994.