



California Notice 2022-13

TO: Pesticide Registrants and Other Stakeholders

SUBJECT: NOTICE OF COMPLETION OF HUMAN HEALTH RISK ASSESSMENT  
FOR THE ACTIVE INGREDIENT ALLYL ISOTHIOCYANATE

The Department of Pesticide Regulation (DPR) has completed a human health risk assessment for the proposed new active ingredient allyl isothiocyanate (AITC). The purpose of this risk assessment is to conduct a pre-registrational evaluation of potential human health risks resulting from the inhalation of AITC based on its proposed use as a pre-plant soil fumigant on food and non-food crops. The final risk characterization document (RCD) and exposure assessment document (EAD) for AITC is available at [https://www.cdpr.ca.gov/docs/whs/active\\_ingredient/aitc.htm](https://www.cdpr.ca.gov/docs/whs/active_ingredient/aitc.htm).

In April 2022, the U.S. Environmental Protection Agency (U.S. EPA) released its final work plan for evaluating AITC as a conventional pesticide. DPR will evaluate these new data as they become available and will update its RCD and EAD, as appropriate.

Based on the findings in the RCD and regulatory status of this active ingredient at U.S. EPA, DPR is assessing appropriate next steps in its evaluation of end-use products containing this new active ingredient proposed for registration. Pursuant to Title 3, California Code of Regulations section 6253, a proposed registration decision for this active ingredient would be noticed for public comment prior to DPR taking a final registration action.

Please address all questions pertaining to this risk assessment to Ms. Kara James, Environmental Scientist, Pesticide Registration Branch, by email at [AITC@cdpr.ca.gov](mailto:AITC@cdpr.ca.gov).

*Original signed by Tulio Macedo*

Tulio Macedo, Chief  
Pesticide Registration Branch  
916-324-3527

*June 8, 2022*

Date

cc: Ms. Kara James, Environmental Scientist, DPR