

## Evaluation Report for Category B, Subcategory 4.1 Application

**Application Number:** 2008-5347  
**Application:** B.4.1, Conversion to full registration without consultation  
**Product:** SmartFresh Technology for Tomatoes  
**Registration Number:** 28596  
**Active ingredients (a.i.):** 1-methylcyclopropene  
**PMRA Document Number :** 1825130

### Purpose of Application

The purpose of this application was to convert SmartFresh Technology for Tomatoes (Registration Number 28569) to full registration. The conditional registration of SmartFresh Technology for Tomatoes was contingent on the conversion of the technical grade active ingredient (TGAI). The TGAI (Reg. No. 27777) was converted to a full registration (Application Number 2006-0155). There were no additional data requirements for the conversion of the SmartFresh Technology for Tomatoes (Reg. No. 28569).

### Chemistry and Value Assessments

Chemistry and value assessments were not required for this application.

### Health Assessments

No new food residue chemistry data were submitted in support of the application for conversion to full registration. The exposure to residues of 1-methylcyclopropene in tomatoes treated according to the label directions remains acceptable and below the level of concern for all segments of the population including adults, children and infants.

A risk assessment for both mixer/loader and applicators and post-application workers was previously conducted for SmartFresh Technology for apples. Considering the application scenario where a pre-packaged water soluble pouch containing the product is dropped into a SmartFresh generator by a worker wearing gloves, applicators were not expected to be exposed to 1-methylcyclopropene gas. All margins of exposure were found to be above the target for post-application risk.

## **Environmental Assessment**

No environmental data was required for this conversion application. As well, an environmental assessment was not required because the guarantee and formulation of SmartFresh Technology for Tomatoes are identical to the currently registered end-use product, SmartFresh Technology (Reg. No. 27778).

## **Conclusion**

The PMRA has reviewed the available information for this application and has concluded that SmartFresh Technology for Tomatoes (Reg. No. 28569) is acceptable for full registration.

## **References**

none

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