

## Evaluation Report for Category B, Subcategory 2.3, 2.4 Application

**Application Number:** 2009-3801  
**Application:** B.2.3 (Product chemistry - identity of formulants)  
B.2.4 (Product chemistry - proportion of formulants)  
**Product:** Superior Oil 70  
**Registration Number:** 14981  
**Active ingredients (a.i.):** Mineral oil (MOI)  
**PMRA Document Number :** 1953685

### Purpose of Application

United Agri Products Canada Inc. has requested the registration of an additional repack formulation for Superior 70 Oil, Registration number 14981. Superior 70 Oil is a commercial class insecticide used to control certain insect and mite pests attacking apples, apricots, pears, peaches, plums, rutabagas, sour cherries and ornamentals.

### Chemistry Assessment

Superior 70 Oil is a liquid containing the active ingredient mineral oil at a nominal concentration of 99 %. This product has a density of 0.85 kg/L. The chemistry requirements for Superior 70 Oil have been completed.

### Health Assessments

The addition of an additional repack formulation for Superior 70 Oil does not affect the toxicity profile of this product.

The proposed amendments to the product Superior 70 Oil are not expected to result in mineral oil exposure or health concern to chemical handlers or post-applicators beyond that of registered products.

Superior 70 Oil is currently registered in Canada for use on apples, apricots, pears, peaches, plums, sour cherries, rutabagas and highbush blueberries. No residue data were submitted.

The guarantee of mineral oil in the product is unaffected by the change in formulation site or source of supply, therefore the magnitude of residues from the use of the new repack formulation will not change. Therefore, the dietary exposure is not expected to increase, and will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

## **Environmental Assessment**

There are no impurities of concern in the repack formulation of Superior 70 Oil. An environmental assessment was not required since no change to the use pattern of this end-use product was triggered.

## **Value Assessment**

Similar efficacy of Superior 70 Oil is expected with the new additional formulation given that the guarantee is the same and the formulation is the same.

## **Conclusion**

The PMRA has completed an assessment of all available information and is able to support the registration of the new formulation of Superior 70 Oil.

## **References**

No new studies were provided under this submission.

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