

Evaluation Report for Category L, Subcategory 1.1 Application

Application Number: 2020-5892
Application: Submission subject to Protection of Proprietary Interests in Pesticide Data (PIIP) policy
Product: OLEGROW INSECTICIDE TECHNICAL
Registration Number: 34483
Active ingredient (a.i.): Potassium salts of fatty acids
PMRA Document Number : 3327692

Purpose of Application

The purpose of this application was to register a new technical grade product containing potassium salts of fatty acids based on registered precedent products.

Chemistry Assessment

Common Name: Potassium salts of fatty acids
IUPAC* Chemical Name: N/A
CAS† Chemical Name: Fatty acids, C8-18 and C18-unsaturated, potassium salts

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

OLEGROW INSECTICIDE TECHNICAL has the following properties:

Property	Result
Colour and physical state	Orange liquid
Nominal concentration	51.5%
Odour	Soapy
Density	0.96 g/cm ³
Vapour pressure	Similar to water
pH	10.2
Solubility in water	Miscible
n-Octanol/water partition coefficient	N/A

The required chemistry data for OLEGROW INSECTICIDE TECHNICAL have been provided, reviewed, and found to be acceptable.

Health Assessments

OLEGROW INSECTICIDE TECHNICAL is considered to be of low acute toxicity by the oral, dermal and inhalation routes, is minimally irritating to the eye, and is not

expected to be a dermal irritant, nor a dermal sensitizer.

Dietary and occupational exposure risk assessments were not required for this application.

Environmental and Value Assessments

Environmental and value assessments were not required for this application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found it sufficient to support the registration of OLEGROW INSECTICIDE TECHNICAL.

Additional Information Being Requested

Since this technical product is manufactured only at pilot scale before registration, five-batch data representing commercial-scale production are required as post-market information after registration.

References

PMRA

Document

Number	Reference
3182583	2020, Chemistry Requirement OLEGROW INSECTICIDE TECHNICAL - Combined, DACO: 2.0 CBI
3182585	2020, Méthode de fabrication INSECTICIDE OLEGROW TECHNIQUE, DACO: 2.11 CBI
3182586	2020, Sommaire de production INSECTICIDE OLEGROW TECHNIQUE, DACO: 2.11.1 CBI
3182588	2020, Description détaillée du procédé de fabrication de INSECTICIDE OLEGROW TECHNIQUE, DACO: 2.11.3 CBI
3182589	2020, Discussion sur la formation d'impuretés de INSECTICIDE OLEGROW TECHNIQUE, DACO: 2.11.4 CBI
3182590	2020, établissement des limites certifiées INSECTICIDE OLEGROW TECHNIQUE, DACO: 2.12.1 CBI
3182593	2020, Confirmation de l'identité INSECTICIDE OLEGROW TECHNIQUE, DACO: 2.13.2 CBI
3182594	2020, Rapport analyse Phytochemia INSECTICIDE OLEGROW TECHNIQUE, DACO: 2.13.2 CBI
3182596	2020, Discussion des impuretés sur le plan toxicologique, DACO: 2.13.4 CBI
3182598	2020, pH de INSECTICIDE OLEGROW, DACO: 2.14.15,830.7000 CBI
3182600	2020, Densité INSECTICIDE OLEGROW TECHNIQUE, DACO: 2.14.6 CBI
3182601	2020, Flash point INSECTICIDE OLEGROW TECHNIQUE, DACO: 2.16 CBI
3279662	2021, Lettre de réponse 3276188, DACO: 2.11.2, 2.13.3, 2.14.3, 0.8.26 CBI
3279663	2021, 2.11.2 Description des matières de départ REVLACUNES1, DACO: 2.11.2

CBI
3279664 2021, 2.12.1 établissement des limites certifiées, DACO: 2.12.1 CBI
3279666 2021, 2.13.1 Méthodologie - Validation MAQT REVLACUNES1, DACO: 2.13.1
CBI
3279667 2021, 2.13.3 Données Regroupées MAQT REVLACUNES1, DACO: 2.13.3 CBI
3279668 2021, 2.14 Propriétés physico-chimique MAQT REVLACUNES1, DACO: 2.14
CBI

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