



Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2023-2138
Application: Changes to Technical Grade Active Ingredient Product Chemistry
– New Source (Site) Same Registrant
Applicant: Fine Agrochemicals Limited
Product: Naphthaleneacetic acid Sodium Salt Technical
Registration Number: 33859
Active ingredient (a.i.): naphthalene acetic acid (present as sodium salt)
PMRA Document Number: 3618434

Purpose of Application

The purpose of this submission was to register a new manufacturing site for Naphthaleneacetic acid Sodium Salt Technical.

Chemistry Assessment

Common Name: 1-naphthaleneacetic acid, present as sodium salt
IUPAC* Chemical Name: sodium 1-naphthylacetate
CAS† Chemical Name: sodium 1-naphthaleneacetate

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Naphthaleneacetic acid Sodium Salt Technical has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	87.21%
Odour	Odourless
Density	0.46 g/mL at 20°C
Vapour pressure	< 0.2 mPa at 25°C
pH	9-10
Solubility in water	0.35 g/mL
n-Octanol/water partition coefficient	log K _{ow} = -0.14 at pH 7

The required chemistry data for Naphthaleneacetic acid Sodium Salt Technical have been provided, reviewed, and found to be acceptable.

Health, Environmental and Value Assessments

Health, 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 the information acceptable to support the registration of the new manufacturing site for Naphthaleneacetic acid Sodium Salt Technical.

References

PMRA

Document

Number	Reference
3467243	2023, NAA Na Tech 2.11.1 to 2.11.4, DACO: 2.11.1,2.11.2,2.11.3,2.11.4 CBI
3467245	2023, NAA Na Tech 2.13.1 to 2.13.4, DACO: 2.13.1,2.13.2,2.13.3,2.13.4 CBI
3467250	2023, Five Batch Analysis for Sodium 1-naphthaleneacetate (NAA), DACO: 2.0 CBI
3593176	2024, NAA Na Tech_Confidential Final, DACO: 2.11.1,2.11.2,2.11.3,2.11.4

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