

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

Application Number: 2008-1545
Application: New manufacturing concentrate
Product: Fungitrol 420MC Fungicide
Registration Number: 29891
Active ingredients (a.i.): 3-Iodo-2-propynyl butyl carbamate (IPB)
PMRA Document Number (English PDF): 1989648

Purpose of Application

The purpose of this application was to register a new manufacturing concentrate, Fungitrol 420MC Fungicide, that contains the active ingredient 3-iodo-2-propynyl butyl carbamate (iodocarb). Fungitrol 420MC Fungicide is for use in the manufacture of other pesticides.

Chemistry Assessment

Fungitrol 420MC Fungicide is formulated as a solution containing 3-iodo-2-propynyl butyl carbamate at a nominal concentration of 20% w/w. This manufacturing concentrate has a density of 1.04 g/mL and a pH of 7.2. The chemistry requirements for Fungitrol 420MC Fungicide are complete.

Health Assessments

Fungitrol 420MC Fungicide is considered to be of low acute toxicity via the oral and dermal routes, and of slight acute toxicity via the inhalation route. Fungitrol 420MC Fungicide is moderately irritating to the eyes and skin, and is considered to be a potential dermal sensitizer.

An occupational exposure assessment is usually not required for manufacturing concentrate products, as they are only used in the manufacture of each associated end-use product. However, the protection of workers was considered in this review because most of the end-use products are 100% repacks of the manufacturing concentrates. Label amendments outlining supplementary personal protective equipment (PPE), required due to toxicology signal words and hazard statements, were provided.

A food residue exposure assessment was not required for this application.

Environmental Assessment

An environmental assessment was not required for this application.

Value Assessment

A value assessment was not required for this application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided for the product, Fungitrol 420MC Fungicide, and has found the information sufficient to support its full registration.

References

PMRA #	Title
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1608501	2001, End-use Product Chemistry, Fungitrol 420 Fungicide, DACO: 3.1 CBI
1608505	1997, Fungitrol 420 Fungicide Physico-Chemical Properties, DNN078/972435, DACO: 3.5 CBI
1608506	2006, IPBC: Evaluation of the Ambient Temperature Storage Stability, 1184/102-D2149, DACO: 3.5.10 CBI
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1803645	2002, Acute Dermal Toxicity Study in the Rat, DACO: 4.2.2,4.6.2
1803646	2001, Acute (Four-Hour) Inhalation Study in Rats, DACO: 4.2.3,4.6.3
1803647	2002, Acute Eye Irritation Study in the Rabbit, DACO: 4.2.4,4.6.4
1803648	2002, Acute Dermal Irritation Study in the Rabbit, DACO: 4.2.5,4.6.5
1803649	2002, Acute Dermal Sensitisation Study in the Guinea Pig (Buehler Method), DACO: 4.2.6,4.6.6
1925075	2001, 8045-002 Acute Oral LD50 Definitive Study 01-09-01to 01-23-01 Individual Clinical Signs, DACO: 4.6.1
1925076	2000, 8045-002 Acute Oral Prelim RF 12-06-00 to 12-13-00 Individual Clinical Signs, DACO: 4.6.1
1925077	2000, 8045-002 Acute Oral Limit Test 5000 mg-kg Individual Clinical Signs, DACO: 4.6.1
1925078	2000, 8046-002 Acute Dermal Limit Test 5000 mg-kg Individual Clinical Signs, DACO: 4.6.2
1934205	2001, Fungitrol 420 Study 025-012837 Acute Inhal Tox Individual Clinical Signs, DACO: 4.6.3
1963040	2001, 8045-002 Acute Oral LD50 Definitive Study 01-09-01to 01-23-01 Individual Clinical Signs, DACO: 4.6.1
1963041	2000, 8045-002 Acute Oral Prelim RF 12-06-00 to 12-13-00 Individual Clinical Signs, DACO: 4.6.1
1963042	2000, 8045-002 Acute Oral Limit Test 5000 mg-kg Individual Clinical Signs, DACO: 4.6.1

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