

Evaluation Report for Category B, Subcategory 3.10 Application

Application Number: 2023-1010
Application: Changes to Product Labels – Tank Mixes
Product: MASTERLOCK
Registration Number: 34451
Active ingredient (a.i.): Surfactant blend
PMRA Document Number: 3565608

Purpose of Application

The purpose of this application was to amend the label of the registered adjuvant MASTERLOCK to add listed herbicides as new tank mix partners, and to amend the application rate when applied with listed fungicides.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

No new residue data were submitted or were required to support the addition of tank mix partners to the MASTERLOCK label. Previously reviewed residue data for the active ingredients contained in the tank mix partner products are acceptable to support the uses in the current application.

Exposure to residues of the active ingredients in the tank mix partner products of MASTERLOCK in/on treated food commodities is not expected to be greater than that from the current uses and will be covered under the respective established maximum residue limits (MRLs) given that the herbicide end-use products to be applied with MASTERLOCK are already registered for use with adjuvants. Consequently, dietary exposure to residues of these active ingredients is not expected to increase and will not pose health risks of concern to any segment of the population, including infants, children, adults and seniors.

Toxicology and occupational exposure assessments were not required for this application.

Environmental Assessment

The addition of the listed tank mix options to the MASTERLOCK label is acceptable from an environmental perspective.

Value Assessment

The availability of MASTERLOCK for application with Agrogill Quizalofop-P-Ethyl Herbicide, Idol Herbicide, Aim EC Herbicide, Agrogill Pinoxaden 100EC Herbicide, Epic II Herbicide, and Drifast Desiccant provides users more flexibility to choose their preferred and available brand of surfactant to apply with these products.

Value information submitted for review included registrations of the listed herbicides, existing database for MASTERLOCK, and data from replicated field research trials. The information collectively supports the inclusion of the above listed herbicides as tank mix partners on the MASTERLOCK label when it is applied at the rate of 0.5% v/v or 0.3% v/v. The information also supports the rate change to MASTERLOCK from 310-495 mL/ha in 95-190 L water/ha to 0.125-0.5% v/v when it is applied with Miravis Bold Fungicide and Miravis Ace Fungicide using ground application equipment.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to support the label amendments for the registered adjuvant product, MASTERLOCK.

References

PMRA Document Number	Reference
3445304	2022, 21-A-B-CANML-COMP-1.1, DACO: 10.2.3.3, 10.3.2
3445305	2022, 21-A-B-CANML-PINO-COMP-1.3, DACO: 10.2.3.3, 10.3.2
3445306	2022, 21-A-B-CANML-PINO-COMP-1.5, DACO: 10.2.3.3, 10.3.2
3445307	2022, 21-A-B-CANML-PINO-COMP-1.8, DACO: 10.2.3.3, 10.3.2
3445308	2022, 22-A-B-CANCG15W-PINO-COMP-1.1INT, DACO: 10.2.3.3, 10.3.2
3445309	2022, 22-A-B-CANCG15W-PINO-COMP-1.2CW, DACO: 10.2.3.3, 10.3.2
3445310	2022, 22-A-B-CANCG15W-PINO-COMP-1.3MW, DACO: 10.2.3.3, 10.3.2
3445311	2022, 21-A-B-CANML-PINO-COMP-1.6, DACO: 10.2.3.3, 10.3.2
3445312	2022, 21-A-B-CANML-PINO-COMP-1.9, DACO: 10.2.3.3, 10.3.2
3445313	2022, 22-A-B-CANCG15B-PINO-COMP-1.1CW, DACO: 10.2.3.3, 10.3.2
3445314	2022, 22-A-B-CANCG15B-PINO-COMP-1.2MW, DACO: 10.2.3.3, 10.3.2
3445315	2022, 22-A-B-CANCG15B-PINO-COMP-1.3CL, DACO: 10.2.3.3, 10.3.2
3445316	2022, 22-A-B-CANCG6-DIQ-COMP-1.1CW, DACO: 10.2.3.3, 10.3.2
3445317	2022, 22-A-B-CANCG6-DIQ-COMP-1.2MW, DACO: 10.2.3.3, 10.3.2
3445318	2022, 22-A-B-CANCG6-DIQ-COMP-2.1CW, DACO: 10.2.3.3, 10.3.2
3445319	2022, 22-A-B-CANCG6-DIQ-COMP-2.2MW, DACO: 10.2.3.3, 10.3.2
3445320	2022, 22-A-B-CANCG20-DIQ-COMP-1.3CL, DACO: 10.2.3.3, 10.3.2
3445321	2022, 22-A-B-CANCG20-DIQ-COMP-2.2MW, DACO: 10.2.3.3, 10.3.2
3445322	2022, 22-A-B-CANCG20-DIQ-COMP-2.3CL, DACO: 10.2.3.3, 10.3.2
3445323	2022, 22-A-B-CANCG20-DIQ-COMP-3.2MW, DACO: 10.2.3.3, 10.3.2
3445324	2022, 22-A-B-CANCG20-DIQ-COMP-3.3CL, DACO: 10.2.3.3, 10.3.2
3445325	2022, 21-A-B-CANOIL-QUIZ-GLUF-COMP-1.1, DACO: 10.2.3.3, 10.3.2
3445326	2022, 21-A-B-CANOIL-QUIZGLUF-COMP-1.2, DACO: 10.2.3.3, 10.3.2
3445327	2022, 21-A-B-CANOIL-QUIZGLUF-COMP-1.3, DACO: 10.2.3.3, 10.3.2
3445328	2022, 21-A-B-CANOIL-QUIZGLY-COMP-2.2, DACO: 10.2.3.3, 10.3.2
3445329	2022, 21-A-B-CANOIL-QUIZGLY-COMP-2.3EXT, DACO: 10.2.3.3, 10.3.2
3445330	2022, 21-A-B-CANOIL-QUIZGLY-COMP-2.4, DACO: 10.2.3.3, 10.3.2
3445331	2022, 22-A-B-CANCG20-QUIZGLUF-COMP-1.2CW, DACO: 10.2.3.3, 10.3.2
3445332	2022, 22-A-B-CANCG20-QUIZGLUF-COMP-1.3MW, DACO: 10.2.3.3, 10.3.2
3445333	2022, 22-A-B-CANCG20-QUIZGLY-COMP-1.3MW, DACO: 10.2.3.3, 10.3.2
3445334	2022, 22-A-B-CANCG20-QUIZGLY-COMP-1.4CL, DACO: 10.2.3.3, 10.3.2
3445335	2022, 22-A-B-CANCG20-QUIZGLY-COMP-1.2CW, DACO: 10.2.3.3, 10.3.2
3445336	2022, 22-A-B-CANCG6-QUIZGLY-COMP-1.1PS, DACO: 10.2.3.3, 10.3.2
3445337	2022, 22-A-B-CANCG6-QUIZGLY-COMP-1.2INT, DACO: 10.2.3.3, 10.3.2
3445338	2022, 22-A-B-CANCG6-QUIZGLY-COMP-1.3INT, DACO: 10.2.3.3, 10.3.2
3445339	2022, 22-A-B-CANCG6-QUIZGLY-COMP-1.4PJ, DACO: 10.2.3.3, 10.3.2
3445340	2022, 22-A-B-CANCG6-QUIZGLY-COMP-1.5DP, DACO: 10.2.3.3, 10.3.2

PMRA Document Number	Reference
3453218	2022, 21-A-B-CANML-COMP-1.1, DACO: 10.3.2
3453219	2022, 21-A-B-CANML-PINO-COMP-1.3, DACO: 10.2.3.3, 10.3.2
3453220	2022, 21-A-B-CANML-PINO-COMP-1.5, DACO: 10.2.3.3, 10.3.2
3453221	2022, 21-A-B-CANML-PINO-COMP-1.8, DACO: 10.2.3.3, 10.3.2
3453222	2022, 22-A-B-CANCG15W-PINO-COMP-1.1INT, DACO: 10.3.2
3453223	2022, 22-A-B-CANCG15W-PINO-COMP-1.2CW, DACO: 10.2.3.3, 10.3.2
3453224	2022, 22-A-B-CANCG15W-PINO-COMP-1.3MW, DACO: 10.2.3.3, 10.3.2
3453231	2022, 22-A-B-CANCG15-THIEN-COMP-1.1INT, DACO: 10.3.2
3453232	2022, 22-A-B-CANCG15-THIEN-COMP-1.2CW, DACO: 10.2.3.3, 10.3.2
3453233	2022, 22-A-B-CANCG15-THIEN-COMP-1.3MW, DACO: 10.2.3.3, 10.3.2
3453234	2022, 22-A-B-CANCG15-THIEN-COMP-1.4SB, DACO: 10.2.3.3, 10.3.2
3453235	2022, 21-A-B-CANML-PINO-COMP-1.6, DACO: 10.2.3.3, 10.3.2
3453236	2022, 21-A-B-CANML-PINO-COMP-1.9, DACO: 10.2.3.3, 10.3.2
3453237	2022, 22-A-B-CANCG15B-PINO-COMP-1.1CW, DACO: 10.2.3.3, 10.3.2
3453238	2022, 22-A-B-CANCG15B-PINO-COMP-1.2MW, DACO: 10.2.3.3, 10.3.2
3453239	2022, 22-A-B-CANCG15B-PINO-COMP-1.3CL, DACO: 10.2.3.3, 10.3.2
3453240	2022, 22-A-B-CANCG6-DIQ-COMP-1.1CW, DACO: 10.2.3.3
3453241	2022, 22-A-B-CANCG6-DIQ-COMP-1.2MW, DACO: 10.2.3.3
3453242	2022, 22-A-B-CANCG6-DIQ-COMP-2.1CW, DACO: 10.2.3.3
3453243	2022, 22-A-B-CANCG6-DIQ-COMP-2.2MW, DACO: 10.2.3.3
3453244	2022, 22-A-B-CANCG20-DIQ-COMP-1.3CL, DACO: 10.2.3.3
3453245	2022, 22-A-B-CANCG20-DIQ-COMP-2.2MW, DACO: 10.2.3.3
3453246	2022, 22-A-B-CANCG20-DIQ-COMP-2.3CL, DACO: 10.2.3.3
3453247	2022, 22-A-B-CANCG20-DIQ-COMP-3.2MW, DACO: 10.2.3.3
3453248	2022, 22-A-B-CANCG20-DIQ-COMP-3.3CL, DACO: 10.2.3.3
3453249	2022, 21-A-B-CANOIL-QUIZ-GLUF-COMP-1.1, DACO: 10.2.3.3, 10.3.2
3453250	2022, 21-A-B-CANOIL-QUIZGLUF-COMP-1.2, DACO: 10.2.3.3, 10.3.2
3453251	2022, 21-A-B-CANOIL-QUIZGLUF-COMP-1.3, DACO: 10.2.3.3, 10.3.2
3453252	2022, 21-A-B-CANOIL-QUIZGLY-COMP-2.2, DACO: 10.2.3.3, 10.3.2
3453253	2022, 21-A-B-CANOIL-QUIZGLY-COMP-2.3EXT, DACO: 10.2.3.3, 10.3.2
3453254	2022, 21-A-B-CANOIL-QUIZGLY-COMP-2.4, DACO: 10.2.3.3, 10.3.2
3453256	2022, 22-A-B-CANCG20-QUIZGLUF-COMP-1.2CW, DACO: 10.2.3.3, 10.3.2
3453257	2022, 22-A-B-CANCG20-QUIZGLUF-COMP-1.3MW, DACO: 10.2.3.3, 10.3.2
3453258	2022, 22-A-B-CANCG20-QUIZGLY-COMP-1.3MW, DACO: 10.2.3.3, 10.3.2
3453259	2022, 22-A-B-CANCG20-QUIZGLY-COMP-1.4CL, DACO: 10.2.3.3, 10.3.2
3453260	2022, 22-A-B-CANCG20-QUIZGLY-COMP-1.2CW, DACO: 10.2.3.3, 10.3.2
3453263	2022, 22-A-B-CANCG6-QUIZGLY-COMP-1.1PS, DACO: 10.2.3.3, 10.3.2
3453264	2022, 22-A-B-CANCG6-QUIZGLY-COMP-1.2INT, DACO: 10.2.3.3, 10.3.2
3453265	2022, 22-A-B-CANCG6-QUIZGLY-COMP-1.3INT, DACO: 10.2.3.3, 10.3.2

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3453266	2022, 22-A-B-CANCG6-QUIZGLY-COMP-1.4PJ, DACO: 10.2.3.3, 10.3.2
3453267	2022, 22-A-B-CANCG6-QUIZGLY-COMP-1.5DP, DACO: 10.2.3.3, 10.3.2
3453268	2022, 22-A-B-CANBURN-CARF-COMP-1.1PS, DACO: 10.2.3.3
3453269	2022, 22-A-B-CANBURN-CARF-COMP-1.2INT, DACO: 10.2.3.3
3453270	2022, 22-A-B-CANBURN-CARF-COMP-1.3INT, DACO: 10.2.3.3
3453271	2022, 22-A-B-CANBURN-CARF-COMP-1.4INT, DACO: 10.2.3.3
3453272	2023, Value Summary for MasterlockB., DACO: 10.1,10.2.1,10.2.2,10.2.3, 10.2.3.1,10.2.4,10.3,10.3.2,10.3.3,10.4,10.5,10.5.1,10.5.2,10.5.3,10.5.4,10.5.5

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