

EXPOSURE ASSESSMENT BRANCH
PESTICIDE ENVIRONMENTAL FATE ONE-LINER

01/01/83

CHLORSULFURON

File No.: 118601 CAS No.: 64902-72-3
Type Pesticide HERBICIDE
Chemical Name: 2-CHLORO-N-[(4-METHOXY-6-METHYL-1,3,5-TRIAZIN-
-2-YL)AMINOCARBONYL]-BENZENESULFONAMIDE
Empirical Form.: C₁₂H₁₂ClN₅O₄S
Uses:
Form. Type:

Mole Wt.	Sol. @20C (ppm)	Vap.Pres.(torr)	Log Kow	Henry
357.8	28000.00	4.6E-6	0.00	0

Hydrolysis (161-1)

pH 5:

pH 7:

pH 9:

Photolysis (161-2, -3, -4)

Air:

Soil:

Water:

Mobility Studies (163-1)

Soil Partition (Kd)

Rf Factors

1

2

3

4

5

Soil Metabolism Studies - Terrestrial

Aerobic (162-1)

Anaerobic (162-2)

1

2

3

4

5

6

7

Soil Metabolism Studies - Aquatic

Aerobic (162-4)

Anaerobic (162-3)

1

2

3

4

Field Dissipation Studies

Terrestrial (164-1)

Aquatic 164-2)

1

2

3

4

5

6

** EPA Acceptable Study

Supplemental (Scientifically Sound) Information

CHLORSULFURON

Field Dissipation Studies

Forest (164-3)

Other (164-5)

1

2

Ground Water Findings

1

2

3

Rotational Crop Restrictions (165-1, -2)

1

2

Fish Accumulation Studies (165-4)

1

2

Degradation Products

1

2

3

4

5

Notes

References

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Writer