

Environmental Fate & Effects Division  
 PESTICIDE ENVIRONMENTAL FATE ONE LINE SUMMARY  
**NITROPHENOL**  
 [V] = Validated Study    [S] = Supplemental Study    [U] = USDA Data

Common Name: NITROPHENOL

Smiles Code:

PC Code # : 56301

CAS #:

Caswell #:

Chem. Name : 4-NITROPHENOL

*P-NITROPHENOL*

Action Type:

Trade Names:

(Formul'tn):

Physical State:

Use :  
 Patterns :  
 (% Usage) :  
 :

Empirical Form:

Molecular Wgt.:

Melting Point :

Log Kow :

Henry's :

Vapor Pressure:

Boiling Point:

pKa:

°C

E

Torr

°C

@

°C

E

Atm. M3/Mol (Measured)

Solubility in ...

Comments

Water	E	ppm	@	°C
Acetone	E	ppm	@	°C
Acetonitrile	E	ppm	@	°C
Benzene	E	ppm	@	°C
Chloroform	E	ppm	@	°C
Ethanol	E	ppm	@	°C
Methanol	E	ppm	@	°C
Toluene	E	ppm	@	°C
Xylene	E	ppm	@	°C
	E	ppm	@	°C
	E	ppm	@	°C

Hydrolysis (161-1)

- [ ] pH 5.0:
- [ ] pH 7.0:
- [ ] pH 9.0:
- [ ] pH :
- [ ] pH :
- [ ] pH :

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

[ ] Water:  
[ ]        :  
[ ]        :  
[ ]        :

[ ] Soil :  
[ ] Air  :

Aerobic Soil Metabolism (162-1)

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Anaerobic Soil Metabolism (162-2)

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Anaerobic Aquatic Metabolism (162-3)

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Aerobic Aquatic Metabolism (162-4)

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Soil Partition Coefficient (Kd) (163-1)

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Soil Rf Factors (163-1)

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Laboratory Volatility (163-2)

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Field Volatility (163-3)

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Terrestrial Field Dissipation (164-1)

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Aquatic Dissipation (164-2)

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Forestry Dissipation (164-3)

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Long-Term Soil Dissipation (164-5)

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Accumulation in Rotational Crops, Confined (165-1)

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Accumulation in Rotational Crops, Field (165-2)

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Accumulation in Irrigated Crops (165-3)

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Bioaccumulation in Fish (165-4)

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Bioaccumulation in Non-Target Organisms (165-5)

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Ground Water Monitoring, Prospective (166-1)

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Ground Water Monitoring, Small Scale Retrospective (166-2)

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Ground Water Monitoring, Large Scale Retrospective (166-3)

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Ground Water Monitoring, Miscellaneous Data (158.75)

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Field Runoff (167-1)

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Surface Water Monitoring (167-2)

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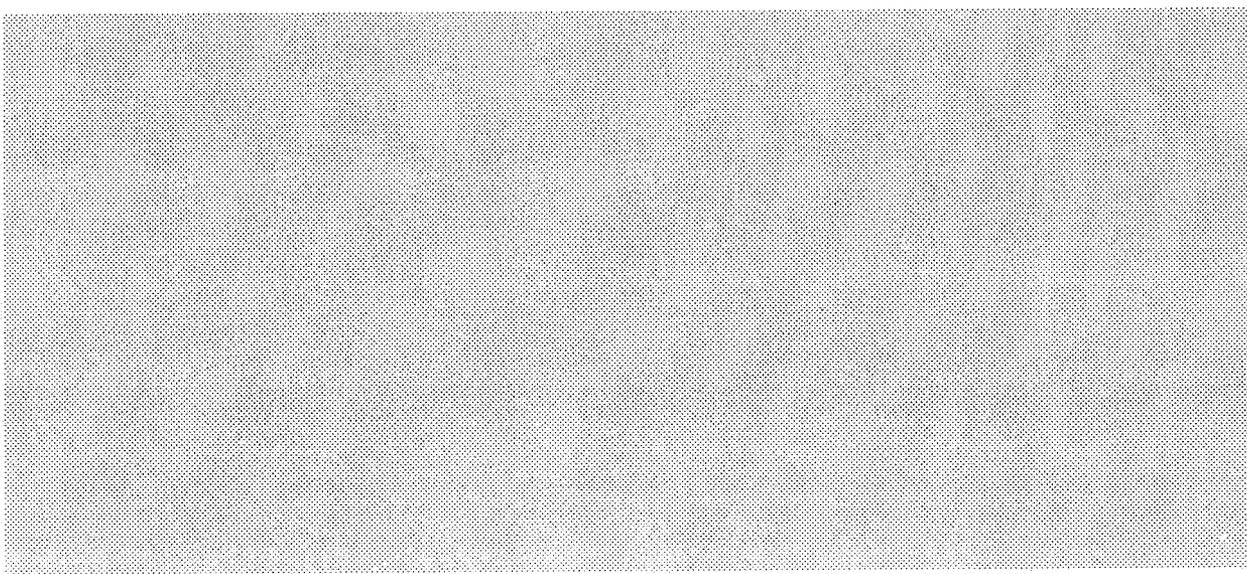
Spray Drift, Droplet Spectrum (201-1)

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Spray Drift, Field Evaluation (202-1)

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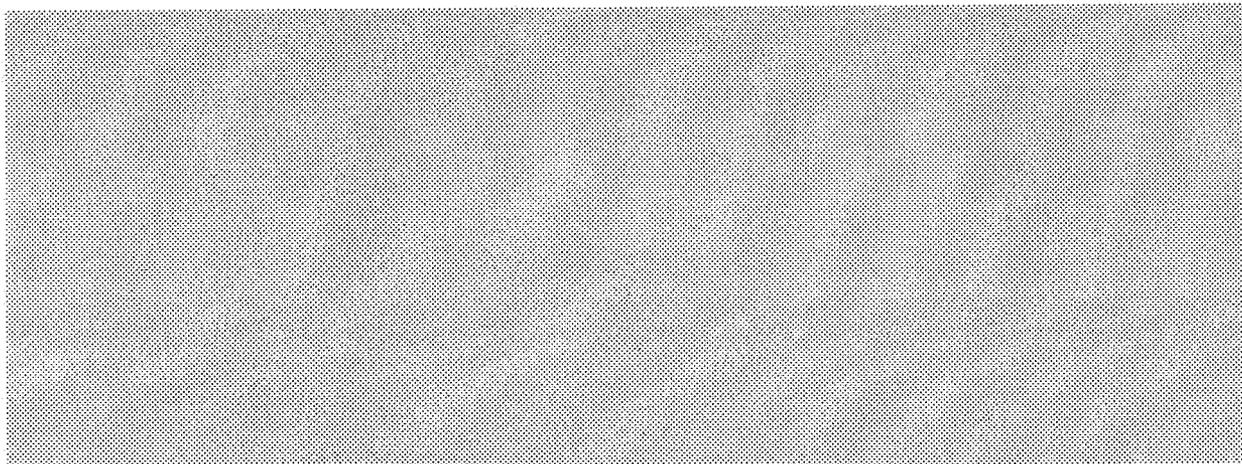
Degradation Products



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Comments



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Writer :