

EC50, Daphnia magna (Water flea), Static, 48 Hour, > 100 mg/l, OECD Test Guideline 202

Acute toxicity to algae/aquatic plants

ErC50, Pseudokirchneriella subcapitata (green algae), Static, 72 Hour, Growth rate, > 100 mg/l

Persistence and degradability**Lithium 12-hydroxyoctadecanoate**

Biodegradability: Material is readily biodegradable. Passes OECD test(s) for ready biodegradability.

10-day Window: Pass

Biodegradation: 78 %

Exposure time: 28 d

Method: OECD Test Guideline 301C

Nonanedioic acid, dilithium salt

Biodegradability: Material is readily biodegradable. Passes OECD test(s) for ready biodegradability. Material is ultimately biodegradable (reaches > 70% mineralization in OECD test(s) for inherent biodegradability).

Based on information for a similar material: 10-day Window: Pass

Biodegradation: > 70 %

Exposure time: 10 d

Method: OECD Test Guideline 301B

Based on information for a similar material: 10-day Window: Not applicable

Biodegradation: 100 %

Exposure time: 4 d

Method: OECD Test Guideline 302B

Bioaccumulative potential**Lithium 12-hydroxyoctadecanoate**

Bioaccumulation: No relevant data found.

Nonanedioic acid, dilithium salt

Bioaccumulation: Bioconcentration potential is low (BCF < 100 or Log Pow < 3).

Partition coefficient: n-octanol/water(log Pow): -3.53 at 20 °C OECD Test Guideline 107 or Equivalent

Mobility in soil**Lithium 12-hydroxyoctadecanoate**

No relevant data found.

Nonanedioic acid, dilithium salt

No relevant data found.

13. DISPOSAL CONSIDERATIONS

Disposal methods: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and