Issue Date: 06/01/2023

Product name: MOLYKOTE® G-407 Anti-Fretting Grease

Acute toxicity to algae/aquatic plants

EC50, Pseudokirchneriella subcapitata (green algae), static test, 72 Hour, Growth rate, > 160 mg/l, OECD Test Guideline 201

Zinc di(2-ethylhexyl) dithiophosphate

Acute toxicity to fish

Material is moderately toxic to aquatic organisms on an acute basis (LC50/EC50 between 1 and 10 mg/L in the most sensitive species tested).

LL50, Oncorhynchus mykiss (rainbow trout), semi-static test, 96 Hour, 4.4 mg/l, OECD Test Guideline 203

Acute toxicity to aquatic invertebrates

EL50, Daphnia magna (Water flea), Static, 48 Hour, 75 mg/l, OECD Test Guideline 202

Acute toxicity to algae/aquatic plants

EL50, Scenedesmus subspicatus, Static, 72 Hour, Growth rate, 410 mg/l, OECD Test Guideline 201

NOELR, Scenedesmus subspicatus, Static, 72 Hour, 220 mg/l, OECD Test Guideline 201

Toxicity to bacteria

EC50, Pseudomonas putida, 16 Hour, 380 mg/l

Chronic toxicity to aquatic invertebrates

Based on data from similar materials

NOEC, Daphnia magna (Water flea), semi-static test, 21 d, 0.4 mg/l

Nonanedioic acid, dilithium salt

Acute toxicity to fish

Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100 mg/L in the most sensitive species tested). LC50, Carp (Cyprinus carpio), Static, 96 Hour, > 100 mg/l, OECD Test Guideline 203

Acute toxicity to aquatic invertebrates

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

Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer

Acute toxicity to fish

Material is slightly toxic to aquatic organisms on an acute basis (LC50/EC50 between 10 and 100 mg/L in the most sensitive species tested).

LC50, Pimephales promelas (fathead minnow), 96 Hour, 64 mg/l, OECD Test Guideline 203 or Equivalent

Acute toxicity to aquatic invertebrates

EC50, Daphnia magna (Water flea), 24 Hour, > 1,000 mg/l

Acute toxicity to algae/aquatic plants

EL50, Desmodesmus subspicatus (green algae), 72 Hour, > 100 mg/l, Directive 67/548/EEC, Annex V, C.3.

Page 9 of 14