Issue Date: 06/01/2023

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

### Acute inhalation toxicity

For similar material(s): Rat, 8 Hour, No deaths occurred following exposure to a saturated atmosphere.

#### Lithium 12-hydroxyoctadecanoate

## Acute inhalation toxicity

The LC50 has not been determined.

## Zinc di(2-ethylhexyl) dithiophosphate

### Acute inhalation toxicity

The LC50 has not been determined.

## Nonanedioic acid, dilithium salt

## Acute inhalation toxicity

The LC50 has not been determined.

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

## Acute inhalation toxicity

The LC50 has not been determined.

## 12. ECOLOGICAL INFORMATION

Ecotoxicological information appears in this section when such data is available.

## **Toxicity**

#### Polypropylene glycol monobutyl ether

#### 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, 20 - 65 mg/l

## Acute toxicity to aquatic invertebrates

EC50, Daphnia magna (Water flea), 48 Hour, 26 mg/l

## Acute toxicity to algae/aquatic plants

EC50, > 100 mg/l

#### Toxicity to bacteria

IC50, Bacteria, 16 Hour, 19,000 mg/l

# <u>Lithium 12-hydroxyoctadecanoate</u>

## 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, Oncorhynchus mykiss (rainbow trout), semi-static test, 96 Hour, > 100 mg/l, OECD Test Guideline 203

## Acute toxicity to aquatic invertebrates

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

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