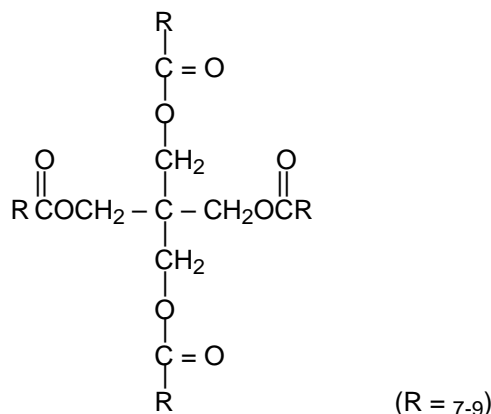


Product Name

ZELEC® 874

Chemical Structure



Chemical Description

Pentaerythritol Tetra C₈₋₁₀

CAS Registry No.

68441-68-9

Applications

Functional Properties

- Fiber lubricant base
- Synthetic/semi-synthetic fluid
- High temperature lubricant

End Product Uses

- High temperature stable nylon and polyester fiber lubricants
- Metal working fluids

Typical Properties

Appearance at 25°C	Light yellow liquid
Acid Value	0.04
Color, APHA	60
Hydroxyl Value	0.56
Iodine Value	0.14
Viscosity, cst at 25°C.....	56
Viscosity, cst at 40°C.....	28
Viscosity, cst at 100°C.....	6.5
Smoke Point, thin film, °C.....	174
Moisture, %.....	0.05
Refractive Index at 25°C	1.4538
Density, g/ml (lbs/U.S. gal) at 60°F	0.960 (8.01)
RVOC, U.S. EPA, %.....	0

Biodegradability

Product is biodegradable. Additional information is available upon request.

ZELEC® is a registered trademark of Stepan Company.



Toxicity

ZELEC 874 can be considered practically non-toxic orally ($LD_{50} >5g/kg$) and minimally irritating to skin and eyes. Additional information is available upon request.

Storage & Handling

It is recommended that ZELEC 874 be stored in sealed containers and kept in a cool, dry place. Prolonged storage at temperatures above 90°F (32°C) should be avoided. Avoid overheating or freezing.

Normal safety precautions (i.e. gloves and safety goggles) should be employed when handling ZELEC 874. Contact with the eyes and prolonged contact with the skin should be avoided. Wash thoroughly after handling material.

Standard Packaging: ZELEC 874 is available in 55 gallon drums (net weight 400 lb/181 kg).

Clearances

All components of ZELEC 874 are listed in the following countries; the registration numbers for the active ingredients are included in parentheses: United States (TSCA 68441-68-9), Europe (EINECS 270-472-2), Korea (ECL Serial No. KE-09471), Canada (DSL 68441-68-9), Australia (AICS 68441-68-9), Philippines (PICCS 68441-68-9), and Japan (ENCS 2-661).

Additional Safety Information

A Material Safety Data Sheet is available upon request.

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