

Technical Data Sheet

ENDIPHOS™ 2-EHAPO4 SURFACTANT

REVISION DATE: 08/08/2024

CHEMICAL NAME

2-Ethyl Hexyl Acid Phosphate

DESCRIPTION

Endiphos™ 2-EHAPO4 Surfactant belongs to a group of alkyl acid phosphates best known as complex mono and di-phosphoric acid esters. Its unique structure and diverse properties make it an ideal candidate for a wide variety of applications.

APPLICATIONS

Catalyst
Curing agent
Pigment dispersion
Stabilizer

CAS Number: 12645-31-7

EINECS Number: 235-741-0

FEATURES AND BENEFITS

Acid form
Contains equal molar concentrations of mono and diester
Good dispersant

TYPICAL PROPERTIES

Appearance	colorless to light yellow liquid
Total acid number, mg KOH/g	317 to 342
Monoester, wt%	39 to 51
Diester, wt%	45 to 63

FORMULATING TIPS

Can be readily neutralized with alkali metals or amines.
Soluble in ethanol.
Recommended Use Level: 3% to 10% as is

STORAGE AND PACKAGING

Store in a clean, dry area. Store in closed containers above 7°C and below 49°C. Recommended retest period is 365 days from the date of manufacture.

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PRODUCT NAME

REVISION DATE: 02/20/2024