

Technical Data Sheet

ENDIPHOS™ OCTYL ACID PHOSPHATE SURFACTANT

REVISION DATE: 08/08/2024

CHEMICAL NAME

Octyl Acid Phosphate

DESCRIPTION

Endiphos™ Octyl Acid Phosphate Surfactant belongs to a family of alkyl acid phosphates best characterized 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
Textile lubricant

CAS Number: 12645-31-7

EINECS Number: 235-741-0

FEATURES AND BENEFITS

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

TYPICAL PROPERTIES

Appearance	colorless to light yellow liquid
Acid number, mg KOH/g	295 to 325
Color, Gardner	1 maximum

FORMULATING TIPS

Can be partially or fully neutralized to a salt allowing the balancing of chemical properties to the desired performance.

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.