

# Technical Data Sheet

## ENDIPHOS™ AMYL ACID PHOSPHATE-EP

REVISION DATE: 08082024

### CHEMICAL NAME

Amyl Acid Phosphate

### DESCRIPTION

Endiphos™ Amyl Acid Phosphate-EP Surfactant is a complex mono and di-phosphoric acid ester which can be used as a catalyst in coatings and as a lubricant, pigment dispersant, or anti-static agent in various applications. This product is readily neutralized with alkali metals or amines.

### APPLICATIONS

Coatings  
Lubricants  
Resins  
Textiles

**CAS Number:** 2382-76-5, 3138-42-9

### FEATURES AND BENEFITS

Acid catalyst  
Anti-static agent  
Corrosion inhibition  
Extreme pressure agent  
Lubricant  
Pigment dispersant

### TYPICAL PROPERTIES

<b>Appearance</b>	Clear liquid
<b>Color, APHA</b>	500 maximum
<b>Total acid number (mgKOH/g)</b>	400 to 450
<b>Phosphorus, %</b>	14.5 to 15.5

### FORMULATING TIPS

Endiphos™ Amyl Acid Phosphate-EP is an alkyl acid phosphate in the free acid form. Use in the acid form or neutralize Endiphos™ Amyl Acid Phosphate-EP with amines to create oil soluble anti-corrosion agents.

**Recommended use level:** 3% to 10%

### STORAGE AND PACKAGING

Endiphos™ Amyl Acid Phosphate-EP should be stored in sealed containers between 7°C and 49°C.

Recommended retest period is 365 days from the date of manufacture.