

# Technical Data Sheet

## ENDIPHOS™ TR-444 SURFACTANT

REVISION DATE: 08/08/2024

### CHEMICAL NAME

Phosphate Ester

### DESCRIPTION

Endiphos™ TR-444 Surfactant is a phosphate ester used in HI&I applications.

### APPLICATIONS

Alkaline cleaners  
Hard surface cleaners

**CAS Number:** 68130-47-2

**EINECS Number:** 614-291-2

### FEATURES AND BENEFITS

Acid form  
Coupling agent  
Great detergency  
Wetting agent

### TYPICAL PROPERTIES

<b>Appearance</b>	light yellow liquid
<b>Acid number @ pH 5.5, mg KOH/g</b>	125 to 145
<b>Acid number @ pH 9.5, mg KOH/g</b>	190 to 210
<b>Color, Gardner</b>	2 maximum

### FORMULATING TIPS

Can be used as a coupling agent in alkali detergents.  
Compatible with high concentrations of sodium hydroxide and silicate builders.

**Recommended Use Level:** 1% to 40% 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.

# Technical Data Sheet

PRODUCT NAME

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REVISION DATE: 02/20/2024