

# CYANOX<sup>®</sup> LTDP antioxidant

## TYPICAL PROPERTIES

Chemical Formula	$C_{30}H_{58}O_4S$
Molecular Weight	514
Specific Gravity (50°C)	0.915
Description	Free-flowing white crystalline flakes and powder
Color (APHA)	25 max
Set point, °C	39.5 min
Acid Number	1.0 max
Purity, %	99.0 min

## PERFORMANCE BENEFITS

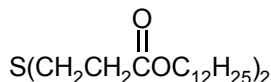
- Minimal color contribution
- Low volatility
- Easy handling form
- Good solubility/migration balance
- Excellent compatibility with UVAs
- FDA Sanctioned

## HEALTH AND SAFETY

### EFFECTS OF OVEREXPOSURE:

The estimated acute oral (rat), acute dermal (rabbit) LD50 and 4-hour inhalation (rat) LC50 values for this material are greater than 25.0 g/kg, greater than 10.0 g/kg and greater than 3,000 ppm respectively. Direct contact with this material may cause mild eye and skin irritation.

Before handling this material, read the corresponding Cytec Industries Inc. Material Safety Data Sheet (MSDS) for safety, health, and environmental data.



Dilaurylthiodipropionate

CAS NUMBER 123-28-4

## FDA STATUS

Dilaurylthiodipropionate is designated in Section 181.24 of the Food Additives Regulations as a substance to which prior sanction has been granted in the manufacture of food packaging materials. The restriction on use in this case is that the antioxidant may not migrate to food in an amount to exceed a concentration of 0.005 percent in the food.

According to Section 182.3280 of the regulations to the Food Additives Amendments to the Federal Food, Drug and Cosmetic Act, Dilaurylthiodipropionate is a substance that is generally recognized as safe when used as an antioxidant in edible fats and oils, provided the total concentration of all antioxidants present does not exceed 0.02 percent.

### Shipping Classification:

Chemicals, NOI

### Shipping Container:

110 lb drum

### Storage Conditions:

This product should be stored sealed, in a cool, dry place.

## **POLYMER ADDITIVES**

### **Technical Service Group**

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Stamford, CT 06904-0060  
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### **Customer Service**

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\* Operates in U.S. and Canada only

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                                    Fax: 886-2-2-705-3967

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