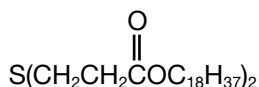


CYANOX[®] STDP antioxidant

TYPICAL PROPERTIES

| | |
|-------------------------|--|
| Chemical Formula | C ₄₂ H ₈₂ O ₄ S |
| Molecular Weight | 683 |
| Specific Gravity (25°C) | 1.027 |



(Distearylthiodipropionate)

CAS NUMBER 000693-36-7

SPECIFICATIONS

| | |
|---------------|--|
| Description | Free-flowing white crystalline flakes and powder |
| Color (APHA) | 50 max |
| Set Point, °C | 64.0-66.4 |
| Acid Number | 1.5 max |
| Purity, % | 98.0 min |

FDA STATUS

In Section 181.24 of the Food Additives Regulations, distearylthiodipropionate is designated 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.

Distearylthiodipropionate is recognized as safe for use as an antioxidant in food when the total quantity of all antioxidants added does not exceed 0.02 percent (200 parts per million) based on weight of the fat or oil content, including essential (volatile) oil content, of the food.

PERFORMANCE BENEFITS

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

Shipping Classification:

Chemicals, NOI

Shipping Container:

55-gallon fiber drum, polyethylene bag liner, 200 lb net

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 5.0 g/kg, greater than 2.0 g/kg and greater than 3,000 ppm respectively.

Direct contact with this material may cause minimal 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.

CYTEC INDUSTRIES INC.

POLYMER ADDITIVES

Technical Service Group

1937 West Main Street
Stamford, CT 06904-0060
800-486-5525

Customer Service

Willow Island, WV Tel: 888-CYTECPA
 Fax: 800-545-1951

Markham, Ontario Tel: 905-470-3700
 Fax: 905-470-3777

LATIN AMERICA

CYTEC de ARGENTINA, S.A.

Buenos Aires Tel: + 541-331-5088
 Fax: + 541-345-7947

CYTEC do BRASIL, LTDA

Sao Paulo Tel: + 55-11-5505-4588
 Fax: + 55-11-5505-4565

CYTEC de CHILE, S.A.

Santiago Tel: + 56-2-232-7107
 Fax: + 56-2-232-1597

CYQUIM de COLOMBIA, S.A.

Bogota Tel: + 57-1-260-3044
 Fax: + 57-1-260-0017

CYTEC de MEXICO S.A. de C.V.

Atequiza Tel: + 523-737-0236
 Fax: + 523-737-0206

QUIMICOS CYQUIM, C.A.

Caracas Tel: + 58-2-258-1310
 Fax: + 58-2-258-1155

EUROPE

CYTEC INDUSTRIES B.V.

Tel: + 31-181-29-5400
Fax: + 31-181-29-5401

ASIA/PACIFIC

CYTEC AUSTRALIA LTD.

Baulkham Hills, NSW Tel: + 61-2-9686-4188
 Fax: + 61-2-9639-4248

CYTEC INDUSTRIES PTE. LTD.

Singapore Tel: + 65-733-6788
 Fax: + 65-735-7783

CYTEC JAPAN LTD.

Tokyo Tel: + 81-3-3586-9716
 Fax: + 81-3-3586-9732

CYTEC KOREA INC.

Seoul Tel: + 82-2-3452-7331
 Fax: + 82-2-3452-1202

CYTEC TAIWAN INC.

Taipei Tel: + 886-2-705-3969
 Fax: + 886-2-705-3967

IMPORTANT NOTICE

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE. Nothing herein is to be taken as permission, inducement or recommendation to practice any patented invention without a license.

TRADEMARK NOTICE

The ® indicates a Registered Trademark in the United States and the ™ or * indicates a Trademark in the United States. The mark may also be registered, the subject of an application for registration or a trademark in other countries.