

MATERIAL SAFETY DATA SHEET

SECTION 1-----CHEMICAL IDENTIFICATION-----

Product label name Antioxidant DSTDP

Supplier

Dongguan baoxu chemical technology Co.,ltd.

Room1118 Caijin Business Building Nancheng Distinct Dongguan Guangdong China 523000

Tel: 86-769-22821082 Fax: 86-769-22821083

www.additivesforpolymer.com email:info@additivesforpolymer.com

SECTION 2-----COMPOSITION/INFORMATION ON INGREDIENTS-----

CAS #: 693-36-7

MF: C24H82O4S

EC NO: 211-750-5

NAME: Thiodipropionic acid dilauryl ester

Synonym name Antioxidant DSTP,Irganox ps 802

SECTION 3-----HAZARDS IDENTIFICATION-----

Data not available

SECTION 4-----FIRST-AID MEASURES-----

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

In case of contact, immediately wash skin with soap and copious amounts of water.

If inhaled, remove to fresh air. if not breathing give artificial respiration. if breathing is difficult, give oxygen.

If swallowed, wash out mouth with water provided person is conscious. call a physician. wash contaminated clothing before reuse.

SECTION 5-----FIRE FIGHTING MEASURE-----

Extinguishing media

Water spray. Carbon dioxide, dry chemical powder or appropriate foam.

Special firefighting procedures.

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosions hazards

Emits toxic fumes under fire conditions.

This material, like most materials in powder form, is capable of creating a dust explosion.

SECTION 6-----ACCIDENTAL RELEASE MEASURES-----

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.

Sweep up, place in a bag and hold for waste disposal.

Avoid raising dust.

Ventilate area and wash spill site after material pickup is complete.

SECTION 7-----HANDLING AND STORAGE-----

Refer to section 8.

SECTION 8-----EXPOSURE CONTROLS/PERSONAL PROTECTION-----

Chemical safety goggles.

Compatible chemical-resistant gloves.

Niosh/msha - approved respirator.

Safety shower and eye bath.

Mechanical exhaust required.

Avoid inhalation.

Avoid contact with eyes, skin and clothing.

Avoid prolonged or repeated exposure.

Wash thoroughly after handling.

Keep tightly closed.

Store in a cool dry place.

SECTION 9-----PHYSICAL AND CHEMICAL PROPERTIES-----**Physical properties**

Formula	$C_{42}H_{82}O_4S$	
Molecular Weight	683	$S-\left[CH_2-CH_2-COOC_{18}H_{37}\right]_2$
CAS#	693-36-7	
Appearance	White crystalline powder	
Ash	Max.0.10%	
Melting point	63.5-68.5°C	
Solubility (20°C)	Water	< 0.1
	MeoH	< 0.01
	EtoH	< 0.01
	Acetone	U
	Ch2Cl2	S
	Hexane	S

SECTION 10-----STABILITY AND REACTIVITY-----

Stability: stable.

Incompatibilites

strong oxidizing agents

Hazardous combustion or decomposition products

toxic fumes of:

carbon monoxide, carbon dioxide

sulfur oxides

Hazardous polymerization

will not occur.

SECTION 11-----TOXICOLOGICAL INFORMATION-----

ACUTE EFFECTS

May be harmful by inhalation, ingestion, or skin absorption.

May cause eye irritation.

May cause skin irritation.

Material may be irritating to mucous membranes and upper respiratory tract.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

RTECS #: UF8010000

Propionic acid, 3,3' -thiodi-, didodecyl ester

Toxicity data

ORL-RAT LD50:>2500 MG/KG	AFREAW 3, 197, 1951
ORL-MUS LD50:>2 GM/KG	JFREAW 3, 197, 1992
IPR-MUS LD50:>2 GM/KG	JFREAW 3, 197, 1992
UNR-MAM LD50:>15 GM/KG	GISAAA 42(7), 74, 1977

Only selected registry of toxic effects of chemical substances

(RTECS) Data is presented here. see actual entry in rtecs for complete information.

SECTION 12-----ECOLOGICAL INFORMATION-----

Data not yet available.

SECTION 13-----DISPOSAL CONSIDERATIONS-----

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipper with an afterburner and scrubber.

SECTION 14-----TRANSPORT INFORMATION-----

Contact sigma chemical company for transportation information

SECTION 15-----REGULATORY INFORMATION-----

Reviews, standards, and regulations

OEL=MAK

Noes 1983: HZD X7422; NIS 11; TNF 515; NOS 20; TNE 20401; TFE 11757

EPA TSCA SECTION 8 (B) CHEMICAL INVENTORY