

# SAFETY DATA SHEET

## Antioxidant 1010

SUQIAN UNITECHEM CO., LTD

# SDS

• According to GHS (Ninth Revised Edition)

### Section 1 Product and Company Identification

#### > Product Identifier

Product Name	Antioxidant 1010
Synonyms	-
CAS No.	6683-19-8
EC No.	229-722-6
Molecular Formula	C <sub>73</sub> H <sub>108</sub> O <sub>12</sub>

#### > Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Relevant Identified Uses	Antioxidant
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#### > Details of the Supplier of the Safety Data Sheet

Applicant Name	SUQIAN UNITECHEM CO., LTD
Applicant Address	22, NANHUA RD, ECOLOGICAL CHEMICAL AND ECHNOLOGY INDUSTRIAL PARK, SUQIAN, CHINA
Applicant Post Code	223800
Applicant Telephone	+86-527-80805270
Applicant Fax	+86-527-84829099
Applicant E-mail	TechSupport@china944.com
Supplier Name	SUQIAN UNITECHEM CO., LTD
Supplier Address	22, NANHUA RD, ECOLOGICAL CHEMICAL AND ECHNOLOGY INDUSTRIAL PARK, SUQIAN, CHINA
Supplier Post Code	223800
Supplier Telephone	+86-527-80805270
Supplier Fax	+86-527-84829099
Supplier E-mail	TechSupport@china944.com

#### > Emergency Phone Number

Emergency Phone Number	+86-527-84836111
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### Section 2 Hazards Identification

#### > Hazard class and label elements of the product according to GHS:

##### > GHS Hazard Class

No information available

##### > GHS Label Elements

No information available

**> Other Hazards**

No information available

### Section 3 Composition/Information on Ingredients

Component	Concentration (weight percent, %)	CAS No.	EC No.
Pentaerythritol tetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)	>=98.0	6683-19-8	229-722-6

### Section 4 First Aid Measures

**> Description of First Aid Measures**

<b>General Advice</b>	Remove contaminated clothing.
<b>Eye Contact</b>	Flush eyes with water as a precaution.
<b>Skin Contact</b>	Wash off with soap and plenty of water.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water.
<b>Inhalation</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration.

**> Most Important Symptoms and Effects, both Acute and Delayed**

The most important known symptoms and effects are described in the labelling (see section 2) and/or section 11.

**> Indication of Any Immediate Medical Attention and Special Treatment Needed**

No information available.

### Section 5 Fire Fighting Measures

**> Extinguishing Media**

**Suitable Extinguishing Media** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**> Specific Hazards Arising from the Substance or Mixture**

Carbon oxides

**> Advice for Firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**> Further information**

No information available.

### Section 6 Accidental Release Measure

**> Personal Precautions, Protective Equipment and Emergency Procedures**

Use personal protective clothing. Breathing protection required.

**> Environmental Precautions**

No special environmental precautions required.

### > **Methods and Materials for Containment and Cleaning Up**

Sweep up and shovel. Keep in suitable, closed containers for disposal.

## Section 7 Handling and Storage

### > **Precautions for Handling**

Provide appropriate exhaust ventilation at places where dust is formed.  
For precautions see section 2.

### > **Precautions for Storage**

Keep container tightly closed in a dry and well-ventilated place. Store in cool place.

## Section 8 Exposure Controls/Personal Protection

### > **Control Parameters**

#### **Occupational Exposure Limit Values**

No information available

#### **Biological Limit Values**

No information available

#### **Monitoring Methods**

No information available

### > **Engineering Controls**

General industrial hygiene practice.

### > **Personal Protection Equipment**

#### **Eye Protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### **Respiratory protection**

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### **Skin Protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

#### **Body Protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### **Control of environmental exposure**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environmental must be avoided.

## Section 9 Physical and Chemical Properties

**Appearance:** White powder or granules

**Odor:** No information available

**Odor Threshold:** No information available

**pH:** No information available

<b>Melting Point/Freezing Point(°C)</b> : 110 - 125 – dec..	<b>Initial Boiling Point and Boiling Range(°C):</b> 281
<b>Flash Point( °C ) (Closed Cup):</b> No information available	<b>Evaporation Rate:</b> No information available
<b>Flammability:</b> Not highly flammable	<b>Upper/lower explosive limits[%(v/v)]:</b> Upper limit: No information available; Lower limit: No information available
<b>Vapor Pressure:</b> No information available	<b>Relative Vapour Density (Air=1):</b> No information available
<b>Relative Density (Water=1):</b> 1.116 g/cm <sup>3</sup> at 25°C	<b>Solubility in water:</b> No information available
<b>n-Octanol/Water partition Coefficient:</b> No information available	<b>Auto-Ignition Temperature( °C ):</b> No information available
<b>Decomposition Temperature( °C ):</b> No information available	<b>Kinematic Viscosity(mm<sup>2</sup>/s):</b> No information available
<b>Particle characteristics:</b> No information available	

## Section 10 Stability and Reactivity

<b>Reactivity</b>	No information available
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	No information available
<b>Conditions to Avoid</b>	No information available
<b>Incompatible Materials</b>	Strong oxidizing agents
<b>Hazardous Decomposition products</b>	Hazardous decomposition products formed under fire conditions. - Carbon oxides Other decomposition products - No data available In the event of fire: see section 5

## Section 11 Toxicological Information

### > Acute Toxicity

LD50 Oral - Rat - male - > 5000 mg/kg  
(OECD Test Guideline 401)  
LC50 Inhalation - Rat - male and female - 4 h - > 1951 mg/l  
(OECD Test Guideline 403)  
LD50 Dermal - Rabbit - male and female - > 3160 mg/kg  
LD50 Intraperitoneal - Rat - > 1000 mg/kg

### > Skin Corrosion/Irritation

Skin - Rabbit  
Result: No skin irritation - 24 h  
(OECD Test Guideline 404)

### > Serious Eye Damage/Irritation

Eyes - Rabbit  
Result: No eye irritation  
(OECD Test Guideline 405)

### > Respiratory Sensitization

- Guinea pig  
Result: Does not cause skin sensitisation.  
(OECD Test Guideline 406)

**> Germ Cell Mutagenicity**

Ames test  
 S. typhimurium  
 Result: negative  
 Mutagenicity (micronucleus test)  
 Hamster - male and female  
 Result: negative

**> Carcinogenicity**

ID	CAS No.	Component	IARC	NTP
1	6683-19-8	Pentaerythritol tetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)	Not listed	Not Listed

**> Reproductive Toxicity**

No information available

**> Reproductive Toxicity (Additional)**

No information available

**> STOT-Single Exposure**

No information available

**> STOT-Repeated Exposure**

No information available

**> Aspiration Hazard**

No information available

## Section 12 Ecological Information

**> Toxicity****Toxicity to fish**

static test LC50 - Danio rerio (zebra fish) - > 100 mg/l - 96 h  
 (OECD Test Guideline 203)

**Toxicity to algae**

static test EC50 - Desmodesmus subspicatus (green algae) - > 100mg/l - 72 h

**NOEC - Algae/aquatic plants** 100 mg/L

**NOELR - Crustacea** >= 2 mg/L

**> Others**

**Persistence and Degradability** No information available

**Bioaccumulative potential** No information available

**Mobility in soil** Log Koc 10 000 000 000 L/kg

**Results of PBT and** This substance/mixture contains no components considered to be either

<b>vPvB assessment</b>	persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
<b>Additional information</b>	No information available

### Section 13 Disposal Considerations

<b>Waste Chemicals Contaminated Packaging</b>	Offer surplus and non-recyclable solutions to a licensed disposal company. Dispose of as unused product.
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### Section 14 Transport Information

<b>Transporting Label</b>	Not applicable		
<b>UN Number</b>	ADR/RID:-	IMDG:-	IATA/ICAO:-
<b>UN Proper Shipping Name</b>	Not classified as a dangerous good under transport regulations		
<b>Transport Hazard Class</b>	ADR/RID :-	IMDG:-	IATA/ICAO :-
<b>Transport Subsidiary Hazard Class</b>	None		
<b>Packing Group</b>	ADR/RID: -	IMDG: -	IATA/ICAO:-
<b>Marine pollutant</b>	ADR/RID: -	IMDG: -	IATA/ICAO: -

### Section 15 Regulatory information

#### > International Chemical Inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS	ENCS
Antioxidant 1010	√	√	√	√	√	√	√	√	√

<b>【EINECS】</b>	European Inventory of Existing Commercial Chemical
<b>【TSCA】</b>	United States Toxic Substances Control Act Inventory
<b>【DSL】</b>	Canadian Domestic Substances List.
<b>【IECSC】</b>	China Inventory of Existing Chemical
<b>【NZIoC】</b>	New Zealand Inventory of Chemicals.
<b>【PICCS】</b>	Philippines Inventory of Chemical Substances
<b>【KECI】</b>	Existing and Evaluated Chemical Substances.
<b>【AICS】</b>	Australia Inventory of Chemical Substances.
<b>【ENCS】</b>	Existing and Evaluated Chemical Substances.

#### Note

- “√” Indicates that the substance included in the regulations  
“x” That no data or included in the regulations

### Section 16 Additional Information

<b>Creation Date</b>	2018/1/6
<b>Revision Date</b>	2022/4/12
<b>Reason for Revision</b>	-

#### > Disclaimer

This Safety Data Sheet (SDS) was prepared according to UN GHS. The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user`s

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