

# SAFETY DATA SHEET

## Light Stabilizer 119

SUQIAN UNITECH CO., LTD

# SDS

• According to GHS (Ninth Revised Edition)

### Section 1 Product and Company Identification

#### > Product Identifier

Product Name	Light Stabilizer 119
Synonyms	-
CAS No.	106990-43-6
EC No.	401-990-0
Molecular Formula	C <sub>132</sub> H <sub>250</sub> N <sub>32</sub>

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

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

Applicant Name	SUQIAN UNITECH CO., LTD
Applicant Address	NO 88, YANGZI RD, ECOLOGICAL CHEMICAL AND ECHNOLOGY INDUSTIAL PARK, SUQIAN, CHINA
Applicant Post Code	223800
Applicant Telephone	+86-527-84836111
Applicant Fax	+86-527-84829099
Applicant E-mail	TechSupport@china944.com
Supplier Name	SUQIAN UNITECH CO., LTD
Supplier Address	NO 88, YANGZI RD, ECOLOGICAL CHEMICAL AND ECHNOLOGY INDUSTIAL PARK, SUQIAN, CHINA
Supplier Post Code	223800
Supplier Telephone	+86-527-84836111
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

Sensitization – Skin	Category 1
Hazardous To The Aquatic Environment – Long-Term	Category 2

**(Chronic) Hazard**

Specific target organ  
toxicity, repeated exposure

Category 2

**> GHS Label Elements**

Pictogram



Signal Word

Warning

**> Hazard Statements**

**H317** May cause an allergic skin reaction  
**H373** Causes damage to organs through prolonged or repeated exposure  
**H411** Toxic to aquatic life with long lasting effects

**> Precautionary Statements****Prevention**

**P260** Do not breathe dust/fume/gas/mist/vapors/spray.  
**P272** Contaminated work clothing should not be allowed out of the workplace.  
**P273** Avoid release to the environment.  
**P280** Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

**P302+P352** IF ON SKIN: Wash with plenty of water.  
**P314** Get medical advice/attention if you feel unwell.  
**P333+P313** If skin irritation or rash occurs: Get medical advice/attention.  
**P321** Specific treatment (see supplemental first aid instruction on this label).  
**P391** Collect spillage.  
**P362+P364** Take off contaminated clothing and wash it before reuse.

**Storage**

Not applicable

**Disposal**

**P501** Dispose of contents/container in accordance with local/regional/national/international regulations.

**> Other Hazards**

No information available

### Section 3 Composition/Information on Ingredients

Component	Concentration (weight percent, %)	CAS No.	EC No.
N,N',N'',N'''-tetrakis(4,6-bis(butyl-(N-methyl-2,2,6,6-tetramethylpiperidin-4-yl)amino)triazin-2-yl)-4,7-diazadecane-1,10-diamine	<=100	106990-43-6	401-990-0

### Section 4 First Aid Measures

**> Description of First Aid Measures**

<b>General Advice</b>	Consult a physician. Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Skin Contact</b>	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
<b>Inhalation</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**> 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**

<b>Suitable Extinguishing Media</b>	Dry chemical, carbon dioxide or alcohol-resistant foam.
<b>Unsuitable Extinguishing Media</b>	Do not use a solid water stream as it may scatter or spread fire.

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

- 1 On combustion forms: Carbon dioxide, Carbon monoxide, Nitrogen Oxides
- 2 Containers may explode when heated.
- 3 Fire exposed containers may vent contents through pressure relief valves
- 4 May expansion or decompose explosively when heated or involved in fire.

**> Advice for Firefighters**

- 1 Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.  
  
Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
- 2
- 3 Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

**> Further information**

No information available

## Section 6 Accidental Release Measure

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

- 1 Ensure adequate ventilation. Remove all sources of ignition.
- 2 Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas.

- 3 Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

#### > Environmental Precautions

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

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

- 1 Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.
- 2 Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.
- 3 Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.

## Section 7 Handling and Storage

#### > Precautions for Handling

- 1 Handling is performed in a well-ventilated place.
- 2 Wear suitable protective equipment.
- 3 Avoid contact with skin and eyes.
- 4 Keep away from heat/sparks/open flames/ hot surfaces.
- 5 Take precautionary measures against static discharges.

#### > Precautions for Storage

- 1 Keep containers tightly closed.
- 2 Keep containers in a dry, cool and well-ventilated place.
- 3 Keep away from heat/sparks/open flames/ hot surfaces.
- 4 Store away from incompatible materials and foodstuff containers.

## 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

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### > Personal Protection Equipment

<b>Eye Protection</b>	Tightly fitting safety goggles (approved by EN 166(EU) or NIOSH (US).
<b>Hand Protection</b>	Wear protective gloves ( such as butyl rubber ) , passing the tests according to EN 374(EU),US F739 or AS/NZS 2161.1 standard.
<b>Respiratory protection</b>	Wear dust mask when handling large quantities.
<b>Skin and Body Protection</b>	Wear fire/flame resistant/retardant clothing and antistatic boots.
<b>Control of environmental exposure</b>	No information available

## Section 9 Physical and Chemical Properties

<b>Appearance:</b> White to light-yellow solid	<b>Odor:</b> No information available
<b>Odor Threshold:</b> No information available	<b>pH:</b> No information available
<b>Melting Point/Freezing Point(°C ) :</b> 120-135	<b>Initial Boiling Point and Boiling Range( °C ):</b> No information available
<b>Flash Point( °C ) (Closed Cup):</b> No information available	<b>Evaporation Rate:</b> No information available
<b>Flammability:</b> No information available	<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> No information available	<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>	Incompatible materials, heat, flame and spark.
<b>Incompatible Materials</b>	No information available
<b>Hazardous Decomposition products</b>	No information available

## Section 11 Toxicological Information

### > Acute Toxicity

LD50 oral rat > 5000 mg/kg  
 OECD Guideline 401 (Acute Oral Toxicity)  
 LD50 dermal rat > 2000 mg/kg  
 OECD Guideline 402 (Acute Dermal Toxicity)

### > Skin Corrosion/Irritation

No information available

### > Serious Eye Damage/Irritation

No information available

### > Respiratory Sensitization

No information available

### > Germ Cell Mutagenicity

No information available

### > Carcinogenicity

ID	CAS No.	Component	IARC	NTP
1	106990-43-6	N,N',N'',N'''-tetrakis(4,6-bis(butyl-(N-methyl-2,2,6,6-tetramethylpiperidin-4-yl)amino)triazin-2-yl)-4,7-diazadecane-1,10-diamine	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

RTECS: No information available

## Section 12 Ecological Information

### >Acute Aquatic Toxicity

LC50 – Fish > 100 mg/l

OECD Guideline 203 (Fish, Acute Toxicity Test)

NOEC chronic algae – 72h 0.416 mg/l

OECD Guideline 201 (Alga, Growth Inhibition Test)

### > Others

**Persistence and** Not readily biodegradable

<b>Degradability</b>	(according to OECD criteria)
<b>Bioaccumulative potential</b>	3.25 (Q)SAR
<b>Mobility in soil</b>	No information available
<b>Results of PBT and vPvB assessment</b>	The substance is not PBT/ vPvB
<b>Additional information</b>	No information available

### Section 13 Disposal Considerations

<b>Waste Chemicals</b>	The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.
<b>Contaminated Packaging</b>	Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

### Section 14 Transport Information

#### Transporting Label



<b>UN Number</b>	3077
<b>UN Proper Shipping Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
<b>Transport Hazard Class</b>	9
<b>Transport Subsidiary Hazard Class</b>	None
<b>Packing Group</b>	III
<b>Marine pollutant</b>	yes

### Section 15 Regulatory information

#### > International Chemical Inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS	ENCS
Light Stabilizer 119	✓	✓	✓	✓	✓	✓	✓	✓	✓

【EINECS】 European Inventory of Existing Commercial Chemical

【TSCA】 United States Toxic Substances Control Act Inventory

【DSL】 Canadian Domestic Substances List.

【IECSC】 China Inventory of Existing Chemical

【NZIoC】 New Zealand Inventory of Chemicals.

【PICCS】 Philippines Inventory of Chemical Substances

【KECI】 Existing and Evaluated Chemical Substances.

【AICS】 Australia Inventory of Chemical Substances.

【ENCS】 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>	2019/12/20
<b>Revision Date</b>	2022/4/17
<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 reference. Users should make their independent judgment of suitability of this information for their particular purpose. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.