

**SAFETY DATA SHEET****Light Stabilizer 3853**

SUQIAN UNITECHEM CO., LTD

**SDS**

• According to GHS (Ninth Revised Edition)

**Section 1 Product and Company Identification****> Product Identifier**

Product Name	Light Stabilizer 3853
Synonyms	-
CAS No.	167078-06-0
EC No.	-
Molecular Formula	-

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

Relevant Identified Uses	Light stabilizer
--------------------------	------------------

**> Details of the Supplier of the Safety Data Sheet**

Applicant Name	SUQIAN UNITECHEM CO., LTD
Applicant Address	22, NANHUA RD, ECOLOGICAL CHEMICAL AND ECHNOLOGY INDUSTIAL 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 INDUSTIAL 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
------------------------	------------------

**Section 2 Hazards Identification****> Hazard class and label elements of the product according to GHS:****> GHS Hazard Class**

Serious eye damage/eye irritation, Category 1  
Skin sensitisation, Category 1  
Hazardous to the aquatic environment — Acute Hazard, Category 1  
Hazardous to the aquatic environment — Chronic Hazard, Category 1

**> GHS Label Elements****Pictogram****Signal Word**

Danger

**> Hazard Statements****H317**

May cause an allergic skin reaction

**H318**

Causes serious eye damage

**H410**

Toxic to aquatic life with long lasting effects

**> Precautionary Statements****Prevention****P261**

Avoid breathing dust/fume/.

**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****P310**

Immediately call a POISON CENTER/doctor/...

**P321**

Specific treatment (see ... on this label).

**P333+P313**

If skin irritation or rash occurs: Get medical advice/attention.

**P362+P364**

Take off contaminated clothing and wash it before reuse.

**P391**

Collect spillage.

**Storage**

No information available

**Disposal****P501**

Dispose of contents/container to hazardous or special waste collection point.

**> Other Hazards**

No information available

## Section 3 Composition/Information on Ingredients

Component	Concentration (weight percent, %)	CAS No.	EC No.
2,2,6,6-Tetramethyl-4-piperidiny l stearate	>=98.0	167078-06-0	-

## Section 4 First Aid Measures

**> Description of First Aid Measures****General Advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

**Eye Contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

**Skin Contact**

Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

**Ingestion**

Call a poison center or a doctor if you feel unwell.

**Inhalation**

Remove person to fresh air and keep comfortable for breathing.

**> 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** Water spray. Dry powder. Foam.

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

Toxic fumes may be released.

**> Advice for Firefighters**

Do not attempt to take actions without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

**> Further information**

No information available

## Section 6 Accidental Release Measure

**> Personal Precautions, Protective Equipment and Emergency Procedures****For non-emergency personnel:**

Ventilate spillage area.

Avoid contact with skin and eyes.

Avoid breathing dust/fume/gas/mist/vapours/spray.

**For emergency responders:**

Do not attempt to take actions without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

**> Environmental Precautions**

Avoid release to the environment.

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

Collect spillage.

Mechanically recover the product.

Dispose of materials or solid residues at an authorized site.

## Section 7 Handling and Storage

**> Precautions for Handling**

Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.

Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

**> Precautions for Storage**

Store in a well-ventilated place. Keep cool.

## 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**

Ensure good ventilation of the work station.  
Avoid release to the environment.

**> Personal Protection Equipment**

**Eye Protection** Wear safety glasses.

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.

**Hand protection** Wear protective gloves.

**Skin and body** Wear suitable protective clothing.

**Control of environmental exposure** No information available

## Section 9 Physical and Chemical Properties

**Appearance:** White waxy solid

**Odor Threshold:** No information available

**Melting Point/Freezing Point(°C) :** ≥28

**Flash Point( °C ) (Closed Cup):** No information available

**Flammability:** No information available

**Vapor Pressure:** No information available

**Relative Density (Water=1):** No information available

**n-Octanol/Water partition Coefficient:** No information available

**Decomposition Temperature( °C ):** No information available

**Particle characteristics:** No information available

**Odor:** No information available

**pH:** No information available

**Initial Boiling Point and Boiling Range( °C ):** No information available

**Evaporation Rate:** No information available

**Upper/lower explosive limits[% (v/v)]:** Upper limit: No information available; Lower limit: No information available

**Relative Vapour Density (Air=1):** No information available

**Solubility in water:** No information available

**Auto-Ignition Temperature( °C ):** No information available

**Kinematic Viscosity(mm<sup>2</sup>/s):** No information available

## Section 10 Stability and Reactivity

**Reactivity**

The product is non-reactive under normal conditions of use, storage and transport.

<b>Chemical Stability</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	No dangerous reactions known under normal conditions of use.
<b>Conditions to Avoid</b>	None under recommended storage and handling conditions (see section 7).
<b>Incompatible Materials</b>	No information available
<b>Hazardous Decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11 Toxicological Information

### > Acute Toxicity

Oral: LD<sub>50</sub> rat (oral):>15000 mg/kg  
 Inhalation: LD<sub>50</sub> rat (oral):>5mg/ m<sup>3</sup>  
 Dermal: LD<sub>50</sub> rat (oral):>5000 mg/kg

### > Skin Corrosion/Irritation

Based on available data, the classification criteria are not met.

OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Rabbit

The substance was determined to be slightly to moderately irritating the skin of rabbits, but was noted to be "not classified" according to CLP Regulation (EC) No. 1272/2008.

### > Serious Eye Damage/Irritation

Causes serious eye damage.

OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Rabbit

Due to severe redness and chemosis, the test was terminated after 24 hours. The substance caused severe damage to the eye.

### > Respiratory Sensitization

May cause an allergic skin reaction.

skin sensitisation

OECD Guideline 406 (Skin Sensitisation)

Guinea pig

The substance resulted in sensitisation in 20 of 20 animals, and so is classified as a sensitizer

Respiratory sensitisation

No data available

### > Germ Cell Mutagenicity

No information available

### > Carcinogenicity

ID	CAS No.	Component	IARC	NTP
1	167078-06-0	2,2,6,6-Tetramethyl-4-piperidiny l stearate	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

**> Toxicity**

LC50 – Fish: 0.14-0.25 mg/l

EU Method C.1 (Acute Toxicity for Fish)

EC50 72h - Aquatic invertebrates: 0.19 mg/l

OECD Guideline 211 (Daphnia magna Reproduction Test)

**> Others****Persistence and Degradability**

Not readily biodegradable

OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)

**Bioaccumulative potential**

Not bioaccumulated

**Mobility in soil**

No information available

**Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**Additional information**

No information available

## Section 13 Disposal Considerations

**Waste Chemicals**

Dispose of contents/container in accordance with licensed collector's sorting instructions.

## Section 14 Transport Information

**Transporting Label****UN Number**

3077

**UN Proper Shipping Name**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

**Transport Hazard Class** 9  
**Transport Subsidiary Hazard Class** None  
**Packing Group** III  
**Marine pollutant** yes

## Section 15 Regulatory information

### > International Chemical Inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS	ENCS
Light Stabilizer 3853	×	✓	✓	✓	✓	✓	✓	✓	×

**【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

“×” That no data or included in the regulations

## Section 16 Additional Information

**Creation Date** 2018/1/6  
**Revision Date** 2022/6/21  
**Reason for Revision** -

### > 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.