

SAFETY DATA SHEET

Ultraviolet Absorber 329

SUQIAN UNITECHEM CO., LTD

SDS

· According to GHS (Ninth Revised Edition)

Section 1 Product and Company Identification

> Product Identifier

Product Name	Ultraviolet Absorber 329
Synonyms	-
CAS No.	3147-75-9
EC No.	221-573-5
Molecular Formula	C ₂₀ H ₂₅ N ₃ O

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

Relevant Identified Uses	Laboratory chemicals, Manufacture of substances.
Uses Advised Against	Please consult manufacturer.

> 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

Not classified

> **GHS Label Elements**

No labelling applicable

Pictogram

-

Other hazards

This substance meets the criteria for vPvB.

Section 3 Composition/Information on Ingredients

Component	Concentration (weight percent, %)	CAS No.	EC No.
2-[2-Hydroxy-5-tert-octylphenyl]-benzotriazole	>=98.5	3147-75-9	221-573-5

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	Wash affected eyes for at least 15 minutes under running water with eyelids held open.
Skin Contact	Wash thoroughly with soap and water.
Ingestion	Rinse mouth and then drink plenty of water.
Inhalation	If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.

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

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in 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 dry powder, foam

Unsuitable extinguishing media Carbon dioxide

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

Carbon oxides, Nitrogen oxides (NOx)

> **Advice for Firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

Section 6 Accidental Release Measure> **Personal Precautions, Protective Equipment and Emergency Procedures**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
For personal protection see section 8.

> Environmental Precautions

Do not let product enter drains.

> Methods and Materials for Containment and Cleaning Up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7 Handling and Storage

> Precautions for Handling

- 1 Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
- 2 Provide appropriate exhaust ventilation at places where dust is formed.

> Precautions for Storage

- 1 Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
- 2 Storage class (TRGS 510):13: Non Combustible Solids.

> Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

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**Eye Protection**

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(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

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges.

Use respirators and components tested and approved under appropriate

government standards such as NIOSH (US) or CEN (EU).

**Control of
environmental
exposure**

Do not let product enter drains.

Section 9 Physical and Chemical Properties

Appearance: Light yellow to off-white powder

Odor: odorless

Odor Threshold: No information available

pH: No information available

Melting Point/Freezing Point(°C) : 103-105.3

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

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

Evaporation Rate: The product is a non-volatile solid.

Flammability: Not flammable

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

Vapor Pressure : No information available

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

Relative Density (Water=1): No information available

Solubility: < 1 mg/l

n-Octanol/Water partition Coefficient: No information available

Auto-Ignition Temperature(°C): >350

Decomposition Temperature(°C): No information available

Kinematic Viscosity(mm²/s): No information available

Particle characteristics: No information available

Section 10 Stability and Reactivity

Reactivity No information available

Chemical Stability Stable under recommended storage conditions.

Possibility of Hazardous Reactions No information Available

Conditions to Avoid No information Available

Incompatible Materials Strong oxidizing agents

Hazardous Decomposition products Hazardous decomposition products formed under fire conditions - Carbon oxides, Nitrogen oxides (NO_x)

Other decomposition products - No information Available

Section 11 Toxicological Information

> Acute Toxicity

LD50 (oral) rat > 10000 mg/kg (OECD 401)

LD50 (dermal) rabbit > 5000 mg/kg bw (OECD 402)

> 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	3147-75-9	2-[2-Hydroxy-5-tert-octylphenyl]-benzotriazole	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**Toxicity to fish**

LC50 - Fish [96h] - >100 mg/l, Brachydanio rerio
(OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates

EC50(48h) > 100mg/l, Daphnia magna
EC50(24h) 15mg/l, Daphnia magna
(OECD Test Guideline 202)

> Others**Persistence and Degradability**

Not readily biodegradable(OECD 301B)

Bioaccumulative potential

Not Bioaccumulative

Mobility in Soil

logPow= >6.8<7.4 at 25°C

Results of PBT and vPvB Assessment

This substance meets the criteria for vPvB.

Section 13 Disposal Considerations

Waste Chemicals

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

Contaminated Packaging

Dispose in a safe manner in accordance with local/national regulations.

Section 14 Transport Information

	ADR/RID	IMDG	IATA
Transporting Label	Not Regulated	Not Regulated	Not Regulated
UN Number	Not Regulated	Not Regulated	Not Regulated
UN Proper Shipping Name	Not Regulated	Not Regulated	Not Regulated
Transport Hazard Class	Not Regulated	Not Regulated	Not Regulated
Transport Subsidiary Hazard Class	Not Regulated	Not Regulated	Not Regulated
Packing Group	Not Regulated	Not Regulated	Not Regulated

Section 15 Regulatory information

> International Chemical Inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS	ENCS
Ultraviolet Absorber 329	✓	✓	✓	✓	✓	✓	✓	✓	✓

- 【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

Creation Date	2018/1/6
Revision Date	2024/6/30
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

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