

SAFETY DATA SHEET

Ultraviolet Absorber P

SUQIAN UNITECHEM CO., LTD

SDS

· According to GHS (Tenth Revised Edition)

Section 1 Product and Company Identification

> Product Identifier

Product Name	Ultraviolet Absorber P
Synonyms	-
CAS No.	2440-22-4
EC No.	219-470-5
Molecular Formula	C <sub>13</sub> H <sub>11</sub> N <sub>3</sub> 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
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Applicant E-mail	TechSupport@china944.com
Supplier Name	SUQIAN UNITECHEM CO., LTD
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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

Skin sensitisation (Category 1B)  
Hazardous to the aquatic environment, long-term hazard (Category 1)

## &gt; GHS Label Elements

## Pictogram



## Signal Word

Warning

## &gt; Hazard statement(s)

## H317

May cause an allergic skin reaction.

## H410

Very toxic to aquatic life with long lasting effects.

## &gt; Precautionary Statement(s)

## Prevention

## P261

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

## P273

Avoid release to the environment.

## P280

Wear protective gloves.

## Response

## P321

Specific treatment (see supplemental first aid instructions on this label).

## P333 + P313

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

## P391

Wash contaminated clothing before reuse.

## Storage

No information available

## Disposal

## P501

Dispose of contents/ container to an approved waste disposal plant.

### Section 3 Composition/Information on Ingredients

Component	Concentration (weight percent, %)	CAS No.	EC No.
2-(2H-Benzotriazol-2-yl)-p-cresol	>=99.0	2440-22-4	219-470-5

### Section 4 First Aid Measures

## &gt; Description of First Aid Measures

## General Advice

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

## Eye Contact

Flush eyes with water as a precaution.

## Skin Contact

Wash off with soap and plenty of water. Consult a physician.

## Ingestion

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

## Inhalation

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

## &gt; 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 in section 11.

## &gt; 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, Nitrogen oxides (NO<sub>x</sub>)

### > 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

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

### > 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

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

### > 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

<b>Eye/face Protection</b>	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).
<b>Skin Protection</b>	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.
<b>Body Protection</b>	Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
<b>Respiratory protection</b>	For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle r(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).
<b>Control of environmental exposure</b>	Do not let product enter drains.

## Section 9 Physical and Chemical Properties

<b>Appearance:</b> Yellow powder	<b>Odor:</b> odorless
<b>Odor Threshold:</b> No information available	<b>pH:</b> No information available
<b>Melting Point/Freezing Point(°C ) :</b> 125-130	<b>Initial Boiling Point and Boiling Range(°C):</b> 225 at 13 hPa
<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> 0.0000014 hPa (20°C)	<b>Relative Vapour Density (Air=1):</b> No information available
<b>Relative Density (Water=1):</b> 1.385 g/cm <sup>3</sup>	<b>Solubility:</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, Nitrogen oxides (NOx) Other decomposition products - No information Available

## Section 11 Toxicological Information

### > Acute Toxicity

LD50 Oral - Rat - male and female - 10,000 mg/kg  
LC50 Inhalation - Rat - male and female - 4 h ->590 mg/m<sup>3</sup>  
(OECD Test Guideline 403)

### > Skin Corrosion/Irritation

Skin - Rat  
Result: No skin irritation - 24 h

### > Serious Eye Damage/Irritation

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

### > Respiratory Sensitization

Guinea pig  
Result: May cause sensitisation by skin contact.  
(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	2440-22-4	2-(2H-Benzotriazol-2-yl)-p-cresol	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: GO6860000

## Section 12 Ecological Information

### > Toxicity

#### Toxicity to fish

semi-static test LC50 - *Oncorhynchus mykiss* (rainbow trout) - >0.17 mg/l - 96h  
(OECD Test Guideline 203)

#### Toxicity to algae

static test EC50 - *Pseudokirchneriella subcapitata* (green algae) - > 0.0822 mg/l - 72 h  
(OECD Test Guideline 201)

### > Others

#### Persistence and Degradability

Not biodegradable.

#### Bioaccumulative potential

BCF < 2000

#### Mobility in Soil

No information available

#### Results of PBT and vPvB Assessment

This substance is not PBT/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

#### 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

#### Dangerous for the environment

Yes

**Marinepollutant**

Yes

## Section 15 Regulatory information

### > International Chemical Inventory

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

- 【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

- “v” 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** 2024/7/10  
**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.