

Product: **UV Light Stabilizer**

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5800 Park Vista Circle  
Keller, TX 76244  
Ph#1 (800) 929-9425  
F#1 (817) 741-0879  
Web: [www.lonestarcandlesupply.com](http://www.lonestarcandlesupply.com)

**1. Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

**Trade Name:** UV Light Stabilizer

**UFI#**

**1.2 Relevant identified product use**

**Intended use:** Stabilisers

**1.3 Details of the manufacturer/supplier of the safety data sheet**

**Supplier:** Lone Star Candle Supply, Inc.  
5800 Park Vista Circle  
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F#1 (817) 741-0879  
Web: [www.lonestarcandlesupply.com](http://www.lonestarcandlesupply.com)

**1.4 Emergency telephone number**

**1 (817) 741-0876** Domestic USA, Canada, Puerto Rico, and US Virgin Islands  
International

**2. Hazards Identification****2.1 Classification of the substance or mixture****Classification according to GHS**

Specific target organ toxicity  
(repeated exposure) Category 2  
Hazardous to the aquatic  
environment - Chronic Hazard  
Category 4

H373 : May cause damage to organs through  
prolonged or repeated exposure  
H413 : May cause long lasting harmful effects to  
aquatic life

Full text of H statements : see section 16

**2.2 Label elements**

**Labelling (GHS)**

**Hazard pictograms**



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**Signal Word: Warning****Hazard statements**

H373 May cause damage to organs through prolonged or repeated exposure  
H413 May cause long lasting harmful effects to aquatic life

**Precautionary Statements****Prevention:**

P260 Do not breathe dust/fume/gas/mist/vapors/spray.  
P273 Avoid release to the environment.  
P314 Get medical advice/attention if you feel unwell.  
P501 Dispose of contents/container in accordance with local/national laws and regulations.

**2.3 Other Hazards**

no data available

**2.4 Unknown acute toxicity (GHS US)**

not applicable

**3. Composition/Information on Ingredients****3.1 Substances**

Name : UV Light Stabilizer

This product is a complex mixture of ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS):

CAS# Ingredient	%	GHS Classification
25973-55-1 Phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1, 1-dimethylpropyl)-	100 %	STOT RE 2, H373 Aquatic Chronic 4, H413

Allergen report available upon request.  
Full text of H-phrases: see section 16

**3.2 Mixtures**

Name : UV Light Stabilizer

Not applicable



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**4. First Aid Measures**

**4.1 Description of first aid measures**

- Inhalation:** Remove from exposure site to fresh air and keep at rest. Obtain medical advice.
- Eye Exposure:** Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
- Skin Exposure:** Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.
- Ingestion:** Rinse mouth with water and obtain medical advice.

**4.2 Most important symptoms and effects, both acute and delayed**

- Potential Adverse human health effects and symptoms:** based on available data the classification criteria are not met.
- Symptoms/effects:** causes damage to organs. Not expected to present a significant hazard under anticipated conditions of normal life

**4.3 Indication of any immediate medical attention and special treatment needed**

- Treatment:** treat symptomatically

**5. Fire-Fighting measures**

**5.1 Extinguishing media**

- Suitable:** Carbon dioxide (CO2), Dry chemical, Foam
- Unsuitable** Do not use a direct water jet on burning material

**5.2 Special hazards arising from the substance or mixture**

- Reactivity:** the product is non-reactive under normal conditions of use storage and transport

**5.3 Advice for firefighters**

- Firefighting instructions:** Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment

- Protection during firefighting** Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. Do not enter fire area without proper protective equipment, including respiratory protection.



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SDS v1 GHS / OSHA

Type:

Revised Date: 2022-10-04

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## **6. Accidental Release Measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

#### **6.1.1 For non-emergency personnel**

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel.

#### **6.1.2 For emergency responders**

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8 "Exposure controls/personal protection." Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

### **6.2 Environmental precautions**

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### **6.3 Methods and material for containment and cleaning up**

Methods for cleaning up : Mechanically recover the product. On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

Other information : Dispose of materials or solid residues at an authorized site.

### **6.4 Reference to other sections**

For further information refer to section 13. See heading 8. Exposure controls and personal protection.

## **7. Handling and Storage**

### **7.1 Precautions for safe handling**

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### **7.2 Conditions for safe storage, including any incompatibilities**

Storage conditions : Store in a well-ventilated place. Keep cool. Keep only in the original container in a cool well ventilated place away from : Keep away from heat, hot surfaces, open flames and other ignition sources. No smoking. Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids

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Incompatible materials	: Sources of ignition. Direct sunlight.
Storage temperature	: 25°C
Storage area	: Store in a well-ventilated place. Store away from heat.
Special rules on packaging	: Store in a closed container.
Packaging materials	: Do not store in corrodible metal.

### 7.3 Specific end uses

No additional information available

## 8. Exposure Controls/Personal Protection

### 8.1 Control parameters

No additional information available.

### 8.2 Exposure controls

Appropriate engineering controls	: Ensure good ventilation of the work station
Personal protective equipment	: Avoid all unnecessary exposure
Hand protection	: Wear protective gloves.
Eye protection	: Safety glasses. Chemical goggles or safety glasses.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: Wear appropriate mask.
Environmental exposure controls	: Avoid release to the environment.
Other information	: Do not eat, drink or smoke during use.

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Physical State	: Solid
Color	: light yellow amber
Odor	: odorless
Odor threshold	: No data available
pH	: 5.8 (1% suspension in water 20-25°C)
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: 79 - 88°C
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: 229°C
Auto-ignition temperature	: 390°C Not applicable
Decomposition temperature	: > 220°C
Flammability (solid, gas)	: No data available
Vapor pressure	: 4.7x10 <sup>-6</sup> @20°C

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<b>Relative vapor density at 20°C</b>	: No data available
<b>Relative density</b>	: Not applicable
<b>Solubility</b>	:
<b>Log Pow</b>	: No data available
<b>Log Kow</b>	: No data available
<b>Viscosity, kinematic</b>	: Not applicable
<b>Viscosity, dynamic</b>	: No data available
<b>Explosive properties</b>	: No data available
<b>Oxidizing properties</b>	: No data available
<b>Explosion Limits</b>	: Not applicable

**9.2 Other Information**

No additional information available

**10. Stability and Reactivity**

<b>10.1 Reactivity</b>	: The product is non-reactive under normal conditions of use, storage and transport.
<b>10.2 Chemical stability</b>	: Not established.
<b>10.3 Possibility of hazardous reactions</b>	: Not established
<b>10.4 Conditions to avoid</b>	: Direct Sunlight. Extremely high or low temperatures.
<b>10.5 Incompatible materials</b>	: Strong acids. Strong bases.
<b>10.6 Hazardous decomposition products</b>	: fume. Carbon monoxide. Carbon dioxide.

**11. Toxicological Information****11.1 Information on Toxicological Effects**

<b>Acute toxicity</b>	: Not classified
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LD50 oral rat	> 2000 ml/kg
LD50 dermal rat	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 0.4 mg/l/4h

Skin corrosion/irritation	: Not classified pH: 5.8 (1% suspension in water 20-25°C)
Serious eye damage/irritation	: Not classified pH 5.8 (1% suspension in water 20-25°C)
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

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Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified



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STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

**12. Ecological Information**

**12.1 Toxicity**

Ecology - general : May cause long lasting harmful effects to aquatic life.

Ecology - water : May cause long lasting harmful effects to aquatic life.

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LC50 fish 1 > 100 mg/l (Brachydanio rerio) 96h

EC50 Daphnia 1 > 100 mg/l (Daphnia magna)

**12.2 Persistence and degradability**

**UV Light Stabilizer**

Persistence and degradability May cause long-term adverse effects in the environment. Not established.

**12.3 Bioaccumulative potential**

**UV Light Stabilizer**

Bioaccumulative potential Not established.

**12.4 Mobility in soil**

No additional information available

**12.5 Other adverse effects**

Effect on the ozone layer : No additional information available

Other information : Avoid release to the environment

**13. Disposal considerations**

**13.1 Waste treatment methods**

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Dispose of contents/container in accordance with local/national laws and regulations. Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

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## 14. Transport information

In accordance with DOT  
Not regulated for transport

### Additional information

Other Information : No supplementary information available

### ADR

No additional information available

### Transport by sea

No additional information available

### Air transport

No additional information available

## 15. Regulatory information

### 15.1 US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

### 15.2 International regulations

#### CANADA

#### 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) (25973-55-1)

Listed on the Canadian DSL (Domestic Substances List)

#### EU-Regulations

#### 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) (25973-55-1)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not determined

### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

#### 15.2.2 National Regulations

#### 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) (25973-55-1)

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on the IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on the Korean ECL (Existing Chemicals List)  
Listed on the NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)



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**15.3. US State regulations**

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

**16. Other Information**

Other information : None.

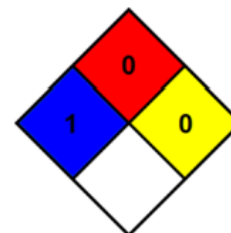
Full text of H-phrases:

H373 May cause damage to organs through prolonged or repeated exposure.  
H413 May cause long lasting harmful effects to aquatic life.

NFPA health hazard : 1 - Materials that, under emergency conditions, can use significant irritation.

NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability : 0 Minimal Hazard

Physical : 0 Minimal Hazard

Personal Protection : F

LSCS SDS US HAZCOM2012\*2

*The data contained in this Safety Data Sheet is accurate to the best knowledge of Lone Star Candle Supply, Inc., applies to the product as supplied by Lone Star Candle Supply, Inc. and does not relate to use in combination with any other material or in any process. Data and information is furnished without warranty expressed or implied, nor does Lone Star Candle Supply, Inc. assume responsibility for use or reliance upon this data.*

*This SDS is current to the date listed above. However, the GHS classifications may change due to hazard communication updates by the overseeing governing body. For the most current SDS information please contact [customerservice@lscs.com](mailto:customerservice@lscs.com)*