

# Safety Data Sheet

## DPP Rubine SR6T

### 1. Identification of the Substance/Preparation and the Company/Undertaking

#### 1.1 Identification of the substance

Trade Name: DPP Rubine SR6T

Identification of product: C.I. Pigment Red 264, C.I. No. 561300, EC No.: 413-920-6, CAS No. 88949-33-1

#### 1.2 Use of the substance/preparation:

Organic pigment for plastics, coatings and inks

#### 1.3 Company/undertaking identification

Manufacture: Shaoxing City Licai Chemical Industry Co., Ltd

Address: 3building Fengming Villa Baiguan Street Shangyu District Shaoxing City Zhejiang China

MSDS request phone number: +86 13305858200

#### 1.4 Emergency telephone:

+8613305858200 (office hours)

### 2. Hazards Identification

#### 2.1 Classification of the substance

##### 2.1.1 Classification:

The substance is not classified according to relevant national regulations as well as GHS (4<sup>th</sup> version, 2011 and other latest version).

##### 2.1.2 The most important adverse effects

2.1.2.1 The most important adverse physicochemical effects: Not applicable

2.1.2.2 The most important adverse human health effects: Not applicable

2.1.2.3 The most important adverse environmental effects: Not applicable

##### 2.2 Label elements:

Not applicable

##### 2.3 Other hazards:

Not applicable

### 3. Composition/Information on Ingredients

**3.1 Substance/Mixture:** Substance

**3.2 Ingredients:**

Chemical Name	CAS No.	Concentration
3,6-bis(4-biphenyl)-2,5-dihydro-pyrrolo[3,4-c]pyrrole-1,4-dione	88949-33-1	>99%

## 4. First-aid Measures

### 4.1 Description of first aid measures

4.1.1 Contact with eyes: In case of contact with eyes, rinse immediately with plenty of water. If necessary, seek medical attention.

4.1.2 Contact with skin: Wash off with soap and plenty of water.

4.1.3 Inhalation: If difficulties occur, remove to fresh air and seek medical attention.

4.1.4 Ingestion: Rinse mouth. Seek medical attention immediately.

### 4.2 Indication of any immediate medical attention and special treatment needed:

Treat according to symptoms. (decontamination, vital functions)

## 5. Fire-fighting Measures

### 5.1 Suitable extinguishing media:

Water spray, chemical dry powder, foam.

### 5.2 Special hazards arising from the substance or mixture:

Burning produces mainly oxides of carbon and nitrogen. Do not breathe in.

### 5.3 Advice for fire-fighters:

Self-contained breathing apparatus and protective suit. Do not use water jet. Evacuate personnel to safe areas.

## 6. Accidental Release Measures

### 6.1 Personal precautions an protective equipment and emergency procedures:

Do not breathe dust. Avoid dust formation. Use dust mask and personal protective clothing.

### 6.2 Environmental precautions:

Prevent contamination of soil, drains and surface waters.

### 6.3 Methods for containment and cleaning up:

For small amounts: pick up with suitable appliance and dispose of. For large amounts: contain with dust binding material and dispose of. Avoid dust formation.

## 7. Handling and Storage

### 7.1 Precautions for safe handling

Protective measures: As with all industrial chemicals, use good industrial practices when handling. Use with adequate local ventilation. Use dust removing system when dust is produced.

Advice on general occupational hygiene: Do not eat or smoke when using. Don't breathe dust.

### 7.2 Conditions for safe storage and including any incompatibilities

Storage: Keep container tightly closed in a cool, well ventilated dry place.

Specific uses: Avoid dust formation. Take precautionary measures against static discharges.

## 8. Exposure Controls/Personal Protection

### 8.1 Control parameters:

Occupational exposure limit values: Not determined

### 8.2 Exposure controls

Engineering controls: Ensure adequate ventilation to minimize the build-up of dust.

Respiratory protection: Wear a respirator type FFP2(EN149:2001)

Hand protection: Chemical resistance protective gloves.

Eye/face protection: Safety glasses with side-shields (frame goggles).

Skin protection: Suitable work clothes

Environmental Exposure controls: Use good industrial practices to prevent spillages. If any spillage, contain and clean up immediately to avoid contaminate soil and surface water.

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Appearance: Powder  
Color: Red  
Odor: Odorless  
pH value: 5.5-9.5 as suspension in water  
Boiling point: Not applicable  
Flash point: Not applicable  
Melting point: > 330 °C

Flammability (solid, air):	Not flammable
Dust explosion class:	1
Oxidizing properties:	Not oxidizing
Auto ignition temperature:	>400 °C
Vapour pressure:	Not applicable
Density:	1.34 g/cm <sup>3</sup> at 20 °C
Solubility in water:	< 0.01 g/l at 20 °C
Partition coefficient (n-octanol/water):	Log K <sub>ow</sub> = 0.72
Viscosity:	Not applicable

## 9.2 Other information

Fat solubility (solvent or oil specified):	Not available
Surface tension:	Not available
Oxidation-reduction potential:	Not available

## 10. Stability and Reactivity

Reactivity:	Stable under normal conditions. Dust explosion hazard.
Stability:	Stable under normal conditions
Conditions to avoid:	Avoid electrostatic discharge, avoid sources of ignition.
Incompatible materials:	Avoid strong oxidizing agents, strong bases and strong acids.
Hazardous decomposition product	No decomposition expected under normal storage conditions.
Shock sensitivity:	Product is not explosive when subjected to mechanical impact
Friction sensibility:	Product is not explosive when subjected to friction.

## 11. Toxicological Information

### 11.1 Toxicokinetics, metabolism and distribution

Absorption:	Not bioavailable
Distribution:	No bioaccumulation

### 11.2 Information of toxicological effects

Acute oral toxicity:	LD <sub>50</sub> > 5000 mg/kg, species: rat
Acute dermal toxicity:	Not available
Acute inhalation toxicity:	Not available
Eye irritation:	Non-irritating, species: rabbit
Skin irritation:	Non-irritating, species: rabbit
Skin sensitization:	Not sensitizing, species: guinea pig

Repeated dose toxicity: Not determined  
 CMR effects: Not mutagenic in bacteria and mammalian cells.

## 12. Ecological Information

Toxicity to fish: LC<sub>50</sub> > 100 mg/l, species: zebra fish  
 Toxicity to daphnia: EC<sub>50</sub> > 100 mg/l, species: daph. Mag. straus  
 Toxicity to algae: EC<sub>50</sub> > 100 mg/l, species: scenedesmus subspicat  
 Sludge toxicity: EC<sub>50</sub> > 100 mg/l, species: waste water bacteria  
 Biodegradation in aqueous systems: Non-biodegradable over 28 day test period  
 Results of PBT and vPvB assessment: Not a PBT/vPvB substance  
 Environmental impact statement: Product is insoluble in water and does not pose a hazard to the environment.  
 Additional information: The product has not been tested. The statement on ecotoxicology is based on the product in the market with the same chemistry.

## 13. Disposal Considerations

### 13.1 Waste treatment method

Residual/unused product: Can be dumped or incinerated in accordance with local regulations.

### 13.2 Product/packaging disposal

Contaminated packaging: Should be disposed of in the same way as the contents.  
 Recycling of packs: Uncontaminated packs are recommended to be reused.

## 14. Transport Information

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	Land Transport (ADR/RID)	Sea Transport (IMDG)	Air Transport (IATA/ICAO)
<b>UN Number</b>	Free	Free	Free
<b>UN Proper Shipping Name</b>	Not Regulated	Not Regulated	Not Regulated
<b>Transport Hazard Class</b>	Not Regulated	Not Regulated	Not Regulated
<b>Packing Group</b>	Not Regulated	Not Regulated	Not Regulated
<b>Environmental Hazards</b>	Not Regulated	Not Regulated	Not Regulated
<b>Transport In Bulk (according</b>	Not Regulated	Not Regulated	Not Regulated

to Annex II of MARPOL 73/78 and IBC Code)			
Special Precautions for Users	Not Regulated	Not Regulated	Not Regulated

## 15. Regulatory Information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

Relevant information regarding authorization:	Not applicable
Relevant information regarding restriction:	Not applicable
Other EU regulations:	Compliance as required
Other national regulations:	Compliance as required

## 16. Other Information

Change to the last edition: 9<sup>th</sup> edition of the SDS for this product. (January 10, 2025)

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