



## HP RED 2692 C.I. PR168

# Safety Data Sheet

In accordance with  
GHS Rev.6.and The EU CLP REGULATION (EC) No 1272/2008  
Updated: Jan 2024

## Section 1 - Chemical Product and Company Identification

### 1.1 Product Identification:

Product Name: HP RED 2692

Product Model: PR168

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Pigment Red 168

Use advised

Against: No data available.

### 1.3 Details of the Manufacture or supplier

Manufacture: SHANGHAI HONOR INDUSTRIAL CO.,LTD.

Address: Room 917, North Building, No.1839, Qixin Road,

Minhang Shanghai 201108, China Telephone: 86-021-60490309

Email: info@honorpigment.com

### 1.4 Emergency telephone number

## Section 2 - Hazards Identification

### 2.1 Classification of the substance or mixture

This product is not classified as dangerous according to the GHS (The Globally Harmonized System of Classification and Labelling of Chemicals).

### 2.2 GHS Label elements, including precautionary statements

**Pictogram(s):** No pictogram is used.

**Signal Word:** No signal word is used.

**Hazard Statement:** No hazard statement.

**Precautionary statements:** General precautionary statements:

P101: If medical advice is needed, have product container or label at hand

P102: Keep out of reach of children

**HP RED 2692 C.I. PR168****Safety Data Sheet**

In accordance with  
GHS Rev.6 and The EU CLP REGULATION (EC) No 1272/2008  
Updated: Jan 2024

P103: Read label before use  
Prevention precautionary statements: None. Response precautionary statements: None. Disposal precautionary statements: None.

**2.3 Description of any hazards not otherwise classified**

No additional information available.

**Section 3 - Composition/Information on Ingredient**

Substance ( ) Preparation (  ) Article ( )

Composition:

Chemical name	CAS No.	EC No.	Content (%)
C.I. 59300; C.I. Pigment Red 168; C.I. Vat Orange 3; <u>4,10-dibromo-dibenzo[def,mno]chrysene-6,12-dione</u>	4378-61-4	224-481-3	99

REACH Register Number: 01-2119944992-25-\*\*\*\*, Tonnage Band: 1-10 t/y

Molecular formula:  $C_{22}H_8Br_2O_2$

Abbreviation: CAS No. is Chemical Abstract Service Registry Number.

**Section 4 - First Aid Measures****Description of first aid measures:**

<b>General information:</b>	Seek medical assistance if discomfort continues
<b>Eye Contact:</b>	Rinse the affected eye with plenty of water, at the same time keep the unaffected eye well.
<b>Skin Contact:</b>	Wash off with soap and plenty of water.
<b>Inhalation:</b>	Remove the casualty into fresh air and keep him calm. Dust in throat and nasal passages should clear spontaneously. Contact a physician if discomfort.
<b>Ingestion:</b>	If swallowed do not induce vomiting, seek medical advice and show safety data sheet or label.

**Most important symptoms and effects, both acute and delayed:** No information available.

**Indication of any immediate medical attention and special treatment needed:** Treat symptomatically and supportively.

**Section 5 -Extinguishing media**



## HP RED 2692 C.I. PR168

# Safety Data Sheet

In accordance with  
GHS Rev.6.and The EU CLP REGULATION (EC) No 1272/2008  
Updated: Jan 2024

### Extinguishing media

**Suitable extinguishing media:** Water spray jet, foam.

**Unsuitable extinguishing media:** Full water jet, carbon dioxide, dry powder.

**Special hazards arising from the substance or mixture:** Avoid whirling up the material/product because of the danger of dust explosion. In the event of fire the following can be released: Nitrous gases (NO<sub>x</sub>), Carbon dioxide (CO<sub>2</sub>), Carbon monoxide (CO), Hydrogen chloride (HCl).

**Advice for firefighters:** Evacuate personnel to safe areas. As in any fire, Wear self-contained breathing apparatus and full protective gear for firefighting.

**Further information:** Standard chemical firefighting measure. Keep firefighting run-off water out of sewers and water sources. Contaminated extinguishing water must be disposed of in accordance with official regulations.

### Section 6 - Accidental Release Measures

For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on disposal. Observe the relevant local and international regulations.

#### Personal precautions, protective equipment and emergency procedures:

Evacuate area. Ventilate area. Avoid dust generation. Avoid inhaling dust. Use suitable personal protective equipment.

#### 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:

Avoid dust formation and electrical charging (sparking) because dust explosion might occur. When picked up, product should be taken to a suitable and authorized waste disposal site in accordance with relevant regulations and if necessary after consultation with the waste disposal operator and/or the competent Authorities.

### Section 7 - Handling and Storage

**HP RED 2692 C.I. PR168****Safety Data Sheet**

In accordance with  
GHS Rev.6.and The EU CLP REGULATION (EC) No 1272/2008  
Updated: Jan 2024

**7.1 Precautions for safe handling:**

Breathing must be protected when large quantities are decanted without local exhaust ventilation.  
Protection against fire and explosion: Take precautionary measures against electrostatic charges - earthing necessary during loading operations. Keep away from sources of ignition. Dust can form an explosive mixture with air. Wear suitable personal protective equipment in section 8.  
Avoid formation of dust and aerosols. Avoid inhaling dust.  
Avoid contact with skin and eyes.  
Wash thoroughly after handling.  
Do not eat, drink or smoke at the workplace.

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

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Store away from foodstuffs. Do not store together with strong oxidizing agent. Keep away from fire and heat.

**Section 8 - Exposure Controls, Personal Protection**

**Exposure Limits:** Not established by US OSHA and ACGIH.

**Exposure controls**

**Engineering Control:** Observe the usual precautions for handling chemicals. Provide appropriate exhaust ventilation at places where dust is formed.

**Personal protective equipment:**

**Respiratory Protection:** Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P2 (EN143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Eyes Protection:** Not required under normal usage. Use face shield and safety glasses if in-eye risk exists. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Body Protection:** Due to the coloring properties of the product closed work clothes should be used, to avoid stains during manipulation.

**Hands Protection:** Chemical resistant protective gloves (EN 374) e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other manufacturer's directions for use should be observed because of great diversity of types.

**Other Protections:** Wash hands before breaks and after work. Use barrier skin cream. Remove soiled or soaked clothing immediately and clean thoroughly before using

**HP RED 2692 C.I. PR168****Safety Data Sheet**

In accordance with  
GHS Rev.6.and The EU CLP REGULATION (EC) No 1272/2008  
Updated: Jan 2024

again.

**Section 9 - Physical and Chemical Properties****Information on basic physical and chemical properties**

Appearance	Red powder
Odor	Not available.
PH	Not available.
Melting point/ freezing point	Not applicable. Decomposition starts without discernible melting, the decomposition temperature is 300°C.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not applicable as not a liquid.
<b>Flammability</b>	Not flammable.
<b>Upper explosive limit %(V/V)</b>	Not available.
<b>Lower explosive limit %(V/V)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Relative density</b>	2.0-2.1 g/cm <sup>3</sup> -20°C
<b>Partition coefficient: n-octanol/water</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	300°C.
<b>Viscosity</b>	Not available.

**Section 10 - Stability and Reactivity**

**Stability:** Stable under normal storage temperature and pressure.

**Conditions to Avoid:** Avoid whirling up the material/product because of the danger of dust



## HP RED 2692 C.I. PR168

# Safety Data Sheet

In accordance with  
GHS Rev.6.and The EU CLP REGULATION (EC) No 1272/2008  
Updated: Jan 2024

explosion.

**Incompatible materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Other decomposition products- no data available. In the event of fire: see section 5.

**Possibility of hazardous reactions:** When handled and stored appropriately no dangerous reactions are known.

### Section 11 - Toxicological Information

**Acute Toxicity:** LD50 –rat-oral>15000 mg/kg.

**Skin Corrosion/Irritation:** No known irritating effect. **Serious Eye Damage/Eye Irritation:**

**Germ Cell Mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity:** None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA or the European Directive (67/548/EEC).

**Reproductive Toxicity:** Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity - Single** No known human health effects upon single exposure.

**Exposure (Globally Harmonized System):**

**Specific Target Organ Toxicity - Repeated** No known human health effects upon repeated exposure.

**Exposure (Globally Harmonized System):**

**Aspiration Hazard:** Based on available data, the classification criteria are not met.

**Potential Health Effects:**

**Inhalation:** Inhaling dust may cause respiratory irritation.

**Skin Contact:** No irritating effect except possible mechanical stimulation.

**Eye Contact:** May be an eye irritant. Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.

**Ingestion:** Not food stuff, not ingested. May be harmful if

**HP RED 2692 C.I. PR168**

# Safety Data Sheet

In accordance with  
GHS Rev.6.and The EUCLP REGULATION (EC) No 1272/2008  
Updated: Jan 2024

ingested.

## Section 12 - Ecological Information

### Toxicity

**Toxic to fish:** Under the conditions of this test the LC50 of the submission substance after 96 hours was > 100 mg/L (based on nominal concentration) and is far above the solubility limit of the test substance in the test water.

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil :** No data available

**Results of PBT and vPvB assessment:** This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**Other adverse effects:** No known ecological damage caused by this product.

## Section 13 - Disposal Considerations

**Waste treatment methods:** Recycle if possible. Surplus and non-recyclable products should be taken to a suitable and authorized waste disposal site in accordance with relevant regulations and if necessary after consultation with the waste disposal operator and/or the competent Authorities.

### Contaminated packaging

Uncontaminated packs can be re-used. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

## Section 14 - Transport Information

**14.1 UN Number:** Not regulated as dangerous goods.

**14.2 UN proper shipping name:** Not dangerous goods

**ADR/RID, IMDG, IATA**

**14.3 Transport hazard class(es):** Not regulated as dangerous goods.

**HP RED 2692 C.I. PR168****Safety Data Sheet**

In accordance with  
GHS Rev.6.and The EU CLP REGULATION (EC) No 1272/2008  
Updated: Jan 2024

**14.4 Packing group:** Not regulated as dangerous goods.

ADR/RID, IMDG, IATA

**14.5 Environmental hazards:** No

**14.6 Special precautions for user:** No information available.

**Section 15 - Regulatory Information****EU Regulations**

**Classification according to 67/548/EEC or 1999/45/EC:** Not classified

**Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]:** Not classified.

**US Regulations**

**OSHA:** OSHA Hazard Communication Standard Status: This product is not considered to be a hazardous substance under OSHA's Federal Hazard Communication Standard 29 CFR 1910.1200.

**USA CERCLA:** CERCLA Reportable Quantity (RQ): This product has not been assigned a reportable quantity.

**USA SARA**

**SARA 302 Components:** SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components (Specific toxic chemical listings):** SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**International Chemical Substances list:**

CAS No.	EINEC	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS
4378-61-4	listed	listed	listed	listed	listed	listed	listed	listed

Note:

EINECS: European Inventory of Existing Commercial Chemical Substances

TSCA: TSCA Chemical Substance Inventory



## HP RED 2692 C.I. PR168

# Safety Data Sheet

In accordance with  
GHS Rev.6.and The EU CLP REGULATION (EC) No 1272/2008  
Updated: Jan 2024

DSL: Canada Domestic Substance List

IECSC: Inventory of Existing Chemical Substances in China

NZIoC: New Zealand Inventory of Chemicals

PICCS: Philippines Inventory of Chemicals and Chemical Substances

KECI: Korea Existing Chemicals Inventory

AICS: Australian Inventory of Chemical Substances

### Section 16 - Additional Information

#### Abbreviations:

pH- Relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline

OSHA- Occupational Safety and Health Administration

NTP- National Toxicology Program

IARC- International Agency for Research on Cancer

CAS#- Chemical Abstract Service number - used to uniquely identify chemical compounds

ACGIH- The American Conference of Governmental Industrial Hygienists

ADR- Agreement on Dangerous Goods by Road

IATA - International Air Transport Association

IMDG- International Maritime Dangerous Goods

#### Further Information:

-This safety data sheet was prepared in accordance with UN GHS Rev.6, The EU CLP REGULATION (EC) No 1272/2008, and ANSI Z400.1.

-The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

#### Issue Date: