

# HANGZHOU FANCHENG CHEMICAL CO., LTD

NANYANG DEVELOPMENT ZONE, XIAOSHAN, HANGZHOU, CHINA

## MATERIAL SAFETY DATA SHEET

### SECTION 01. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY

Product Name: C.I. PIGMENT RED 122 (C.I. 73915)  
Chemical Formula:  $C_{22}H_{16}N_2O_2$   
Chemical Family: QUINACRIDONE  
Application: COLORANT / ORGANIC PIGMENT  
Company: Hangzhou Fancheng Chem. Co., Ltd.  
Emergency phone No.: +86-571-83531793

### SECTION 02. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Ingredients	CAS No.	EINECS No.	Percent
PIGMENT RED 122	980-26-7	213-561-3	

Dangerous Components: No dangerous components according to 2001/58/EC

### SECTION 03. HAZARDS IDENTIFICATION

Emergency Overview: Essentially non-hazardous.

HMIS Ratings

Health: 1-Slight  
Flammability: 1-Slight  
Reactivity: 0-None  
Personal protection: E-Safety glasses, gloves, dust respirator.

Potential Health Effects

Inhalation: Low health risk by inhalation. Treat as nuisance dust.  
Ingestion: No significant effects.  
Skin Contact: May cause skin irritation if in contact for extended time.  
Eye Contact: May cause mechanical irritation.  
Chronic Exposure: None known.

### SECTION 04. FIRST AID MEASURES

General measures: No special measures required.  
Inhalation: Remove subject to fresh air.  
Get medical attention if necessary.  
Skin contact: Wash thoroughly with soap and water.  
If skin irritation occurs, seek medical attention.  
Eyes contact: Flush immediately under running water for at least fifteen minutes.  
If redness or irritation occurs, seek medical attention.  
Ingestion: Rinse mouth and then drink plenty of water, induce vomiting.  
Seek medical advice immediately and show this container or label.

### SECTION 05. FIRE-FIGHTING MEASURES

Flammable limits: Not flammable.

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Autoignition:	Not available.
Suitable extinguishing media:	Water spray, carbon dioxide, foam, dry powder.
Special protective equipment:	Fire fighters should wear self-contained breathing apparatus and full protective suit when appropriate.
Special exposure hazards:	In case of fire, do not breathe the fumes evolved.
Further information:	Dispose of fire debris and contaminated extinguishing water in accordance with local regulations.

## SECTION 06. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear protective clothing. Put on breathing apparatus.
Environmental precautions:	Prevent contamination of soil, drains and surface waters. Avoid dust formation and electrical charging.
Methods for cleaning up:	Collect mechanically. Dispose of contaminated material as waste(see section 13). Clean the accident area carefully.

## SECTION 07. HANDLING AND STORAGE

Handling:	Adequate ventilation is necessary in workplace. Prevent formation of dust. Take precautionary measures against static discharges. Wear special protective equipment (see section 8). Wash hands, face, and neck when exiting restricted areas.
Storage:	Keep away from heat and flame. Keep container tightly sealed. Keep in a moderately cool, dry and well-ventilated area.

## SECTION 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values	
ACGIH / TLV:	Not applicable.
OSHA / PEL:	Not applicable.
OEL / TWA:	Not applicable.
Engineering controls:	Use with adequate ventilation to keep contaminants below applicable exposure limits.
Personal protective equipment	
Respiratory Protection:	Respiratory mask.
Hand protection:	Protective gloves.
Eye protection:	Goggles.
Skin protection:	Wear appropriate protective clothing to prevent skin exposure.

## SECTION 09. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Red powder
Odor:	Odorless
pH (10g/l slurry, 20°C):	6.0~8.0
Special gravity (water=1):	1.35 ~ 1.55

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Bulk volume (l/kg):	4.5~5.0
Melting point:	Not applicable
Boiling point:	Not applicable
Solubility in water:	Almost insoluble
Solubility in fat:	Almost insoluble
Flash point:	Not applicable
Explosion hazard:	Dust explosion hazard
Vapor pressure:	Not applicable
Evaporation rate:	Not applicable
Viscosity:	Not applicable

## SECTION 10. STABILITY AND REACTIVITY

Stability:	The product is stable under normal conditions of use and storage.
Conditions to avoid:	To avoid thermal decomposition, do not overheat.
Materials to avoid:	Not known.
Hazardous reactions:	Dust explosion hazard.
Hazard decomposition:	Oxides of carbon, sulphur and nitrogen may be released during combustion or thermal decomposition.
Hazard polymerization:	Will not occur.

## SECTION 11. TOXICOLOGICAL PROPERTIES

Acute toxicity:	
LD50/oral/rat:	>5000mg/kg
LC50/inhalation/rat:	Not available.
Chronic toxicity:	Considered to be insignificant.
Primary irritant effect	
Skin /rabbit:	Non-irritant.
Eyes /rabbit:	Non-irritant.
Sensitization:	No sensitizing effects known.

## SECTION 12. ECOLOGICAL INFORMATION

Mobility:	Non-volatile. Insoluble in water. Floats on water.
Persistence & degradability:	Not biodegradable as the product is almost insoluble in water.
Bio-accumulative potential:	Not available.
Ecotoxicological effects	
Daphnia toxicity/EC50:	Not available.
Fish toxicity/EC50:	Not available.
Bacteria toxicity/EC10:	Not available.
Alga toxicity:	Not available.
Further ecological information	
COD (mg/l):	Not available.
BOD5 (mg/l):	Not available.
AOX:	Not available.
Heavy metal content:	The product is in full compliance with the CONEGs and the Resolution AP (89) 1.

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## SECTION 13. DISPOSAL CONSIDERATIONS

Product: Must be dumped or incinerated according to local regulations.  
Check for possible recycling.

Contaminated packaging: Uncontaminated packaging may be reused.  
Packs that cannot be cleaned should be disposed of in the same manner as product waste.

## SECTION 14. TRANSPORT INFORMATION

Classification: This product is not classified as dangerous under the relevant EU directives and DOT regulations. Thus, it is not hazardous under transport regulations.

IMDG (sea): Not applicable.

RID/ADR (rail and road): Not applicable.

IATA (air): Not applicable.

Other information: Stow/store/load separately from food, feed and consumable items.

## SECTION 15. REGULATORY INFORMATION

Labeling in accordance with EEC Directives

EEC Directives: Not subject to labeling.

Hazard symbols: Not available.

R phrases: Not available.

S phrases: Not available.

Chemical inventory status:

Ingredient	EC	USA	Australia	Canada	Japan
	EINECS	TSCA	AICS	DSL	METI
Registration	Yes	Yes	Yes	Yes	Yes

National legislation/regulations

Water hazard class: WGK 1 (Germany).

## SECTION 16. OTHER INFORMATION

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.

This Material Safety Data Sheet is in compliance with Directive 2001/58/EC.