

# MATERIAL SAFETY DATA SHEET

HANGZHOU COLORING CHEMICAL CO., LTD  
ROOM 4101 NO 2 BUILDING RADISSON FORTUNE  
CENTER NO 108 NORTH SHIXIN ROAD XIAOSHAN  
AREA HANGZHOU CITY CHINA  
[pigments@coloringchem.com](mailto:pigments@coloringchem.com)

## 1. TRADE NAME (PRODUCT IDENTIFIER): PERMANENT YELLOW 1301OF

MANUFACTURER : HANGZHOU COLORING CHEMICAL CO., LTD  
ROOM 4101 NO 2 BUILDING RADISSON FORTUNE CENTER NO 108 NORTH  
SHIXIN ROAD XIAOSHAN AREA HANGZHOU CITY CHINA  
EMERGENCY NUMBER: Tel: 0086-571- 83881698 Fax : 0086-571-82890175

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

CONTENT: C.I. 21100 CAS-No. 5102-83-0 EINECS 225-822-9  
HAZARDOUS INGREDIENTS No Hazardous

## 3. POSSIBLE HAZARDS

## 4. FIRST AID MEASURES

### GENERAL ADVICE

#### IF INHALED

IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT.  
IF A EMPLOYEE HAS INHALED MORE THAN A TOLERABLE QUANTITY OF DUST COUNTERACT  
BY REMOVAL OF PERSON TO FRESH AIR

#### ON SKIN CONTACT

AVOID CONTACT WITH SKIN. WASH CONTAMINATED PARTS WITH PLENTY OF WATER

#### ON CONTACT WITH EYES

AVOID CONTACT WITH EYES. IF EYE CONTAMINATED, RINSE IT OUT WITH WATER, ASK FOR  
MEDICAL HELP

#### ON INGESTION

WHEN USING DO NOT EAT OR DRINK. IF SWALLOWED, INDUCE VOMITING, SEEK MEDICAL ADVICE  
IMMEDIATELY

## 5. FIRE FIGHTING MEASURES

suitable extinguishing media : water, water mist, foam, co2

unsuitable extinguishing media for safety reasons :

the following can be given off in a fire : gas / vapour

special protective equipment : wear suitable respiratory equipment

further information : the contaminated water must be eliminated based on law

## 6. ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

: DO NOT BREATHE THE DUST

#### ENVIRONMENTAL PRECAUTIONS

: AVOID CREATING DUSTY CONDITIONS

#### METHODS FOR CLEANING UP

: BURNING OR DISPOSAL IN ACCORDANCE WITH LOCAL REGULATIONS FOR CHEMICAL  
WASTE

## 7. HANDLING AND STORAGE

HANDLING :

PROTECTION AGAINST FIRE AND EXPLOSION : KEEP AWAY FROM SOURCES OF IGNITION – NO SMOKING TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES

STORAGE:

KEEP ONLY IN THE ORIGINAL CONTAINER AWAY FROM FOODSTUFFS IN DRY AND VENTILATED AREA

---

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE LIMITS:                   TWA (8h/ total dust) :            10 mg/m<sup>3</sup>  
                                      TWA (8h/ dust breathable)     :     5   mg/m<sup>3</sup>

CONTROL PARAMETERS AND PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION                        : FILTERS  
HAND PROTECTION                                : GLOVES  
EYE PROTECTION                                 : SAFETY GLASSES  
BODY PROTECTION                                : PROTECTIVE SUIT

GENERAL SAFETY AND HYGIENE MEASURES : WHEN USING DO NOT EAT OR DRINK

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:            Powder  
COLOUR:        Yellow powder  
ODOUR:         No  
PH at 10 g/l    H<sub>2</sub>O (20°C):                    6.5-7.5  
BOILING POINT / RANGE :           Not available  
PCB:    0  
  IGNITION TEMPERATURE :       Not available  
COMBUSTIBILITY:                       Not available  
EXPLOSION HAZARD :                       Not available  
FIRE PROMOTING PROPERTIES :       Not available  
VAPOUR PRESSURE :                       Not available  
DENSITY :                                        Not available  
SOLUBILITY IN WATER :            Insoluble  
WATER PARTITION COEFFICIENT:  
VISCOSITY :                                        Not available  
MELTING SOFTENING POINT: 344  
MOLECULAR FORMULA: C<sub>36</sub>H<sub>34</sub>Cl<sub>2</sub>N<sub>6</sub>O<sub>4</sub>  
MOLECULAR FORMULAR: 685.60

---

## 10. STABILITY AND REACTIVITY

CONDITION TO AVOID: PROTECT FROM HUMIDITY

HAZARDOUS REACTIONS :

## 11. TOXICOLOGICAL INFORMATION

ORAL ACUTE TOXICITY (RAT): DL60> 2000mg/kg or treated in rats  
SKIN IRRITATION (RABBIT): Skin irritation studies have been reported to be negative  
EYES IRRITATION (RABBIT'S EYES): Eye irritation studies have been reported to be negative

---

## 12. ECOLOGICAL INFORMATION

BIOLOGICAL ELIMINATION

FISH TOXICITY LC50

---

## 13. DISPOSAL CONSIDERATION

DISPOSE OF THE PRODUCT IN ACCORDANCE WITH LAW

---

## 14. TRANSPORT INFORMATION

GGVSee / IMDG	: NO HAZARDOUS PRODUCT	UN No	: NO HAZARDOUS PRODUCT
GGVE / GGVS	: NO HAZARDOUS PRODUCT	RID / ADR	: NO HAZARDOUS PRODUCT
ICAO / IATA – DGR	: NO HAZARDOUS PRODUCT	ADNR	: NO HAZARDOUS PRODUCT

---

## 15. REGULATORY INFORMATION

LABELLING ACCORDING TO EEC DIRECTIVES

DESCRIPTION OF HAZARDOUS' SYMBOL

DESCRIPTION OF RISK PHRASES

IN ACCORDANCE WITH THE FOLLOWING LAW:

---

## 16. OTHER INFORMATION

THE INFORMATION CONTAINED HEREIN IS BASED ON THE PRESENT STATE OF OUR KNOWLEDGE AND DOES NOT THEREFORE GUARANTEE CERTAIN PROPERTIES.

---