

# MATERIAL SAFETY DATA SHEET

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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)

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## 1. TRADE NAME (PRODUCT IDENTIFIER): ORANGE 1601

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. 21160 CAS-No.:6505-28-8 EINECS NO.:229-388-1  
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

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## 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

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Powder	
COLOUR:	ORANGE	powder
ODOUR:	No	
PH at 10 g/l H <sub>2</sub> O (20°C):	6.0-7.0	
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:		
MOLECULAR FORMULA: :C <sub>34</sub> H <sub>32</sub> N <sub>6</sub> O <sub>6</sub>		
MOLECULAR FORMULAR:620.72		

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## 10. STABILITY AND REACTIVITY

CONDITION TO AVOID: PROTECT FROM HUMIDITY

HAZARDOUS REACTIONS :

HAZARDOUS DECOMPOSITION PRODUCTS :

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## 11. TOXICOLOGICAL INFORMATION

ORAL ACUTE TOXICITY (RAT): DL50> 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

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## 12. ECOLOGICAL INFORMATION

BIOLOGICAL ELIMINATION

FISH TOXICITY LC50

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## 13. DISPOSAL CONSIDERATION

DISPOSE OF THE PRODUCT IN ACCORDANCE WITH LAW

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## 14. TRANSPORT INFORMATION

GGVSee / IMDG : NO HAZARDOUS PRODUCT

GGVE / GGVS : NO HAZARDOUS PRODUCT

ICAO / IATA – DGR : NO HAZARDOUS PRODUCT

UN No : NO HAZARDOUS PRODUCT

RID / ADR : NO HAZARDOUS PRODUCT

ADNR : NO HAZARDOUS PRODUCT

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## 15. REGULATORY INFORMATION

LABELLING ACCORDING TO EEC DIRECTIVES

DESCRIPTION OF HAZARDOUS' SYMBOL

DESCRIPTION OF RISK PHRASES

IN ACCORDANCE WITH THE FOLLOWING LAW:

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## 16. OTHER INFORMATION

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