

# 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)

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1. TRADE NAME (PRODUCT IDENTIFIER): Benzidine Yellow1501  
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
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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

CONTENT: C.I. 12764 CAS-No.:68511-62-6 EINECS NO.:270-944-8  
HAZARDOUS INGREDIENTS No Hazardous

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## 3. POSSIBLE HAZARDS

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## 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

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## 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

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## 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

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## 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/m3  
                                  TWA (8h/ dust breathable)   :    5    mg/m3

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:                    YELLOW 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 :    Insolube  
WATER PARTITION COEFFICIENT:  
VISCOSITY :                                 Not available  
MELTING SOFTENING POINT:  
MOLECULAR FORMULA: C<sub>8</sub>H<sub>6</sub>N<sub>6</sub>O<sub>6</sub>Ni  
MOLECULAR FORMULAR:340.70

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## 10. STABILITY AND REACTIVITY

CONDITION TO AVOID: PROTECT FROM HUMIDITY

HAZARDOUS REACTIONS :

## 11. TOXICOLOGICAL INFORMATION

ORAL ACUTE TOXICITY (RAT): LD50 >2000mg/kg oral-mouse  
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	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

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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.