

# MATERIAL SAFETY DATA SHEET

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Tianki(China) Enterprise Co., Ltd  
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Hangzhou, China  
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## 1. TRADE NAME(PRODUCT IDENTIFIER): Benzidine Yellow G

MANUFACTURER: Tianki(China) Enterprise Co., Ltd  
Nanyang ETDZ,Xiaoshan Area, Hangzhou, China  
EMERGENCY NUMBER : Tel: 0086-571-82778679 Fax:0086-571-82778609

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

CONTENT: C.I.21090 CAS-NO.:6358-85-6 EINECS NO.: 228-787-8  
HAZARDOUS INGREDIENTS: NO Hazardous

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## 3. POSSIBLE HAZARDS

Not classified as hazardous

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## 4. FIRST AID MEASURES

### GENERALADVICE

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 DUST 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 FOOD STUFFS IN DRY AND  
VENTILATED AREA

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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

CONTROL PARAMETERS AND PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: FILTERS  
HAND PROTECTION: GLOVES  
EYE PROTECTION: SAFETY GALSSES  
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

COLOUR : yellow powder  
ODOUR : mild  
MELTING SOFTENING POINT: 317°C  
MOLECULAR FORMULA: C<sub>32</sub>H<sub>26</sub>Cl<sub>2</sub>N<sub>6</sub>O<sub>4</sub>  
MOLECULAR FORMULAR: 629.49  
TINTING STRENGTH: 95-105% of the standard  
SOLUBLE IN WATER : 1.5% max  
DENSITY: 1.12-1.63  
VOLATILE AT 105°C: 2.5% max  
OIL ABSORPTION: 45-55%

FASTNESS TO LIGHT: 4  
FASTNESS TO HEAT(°C): 180  
BLEEDING RESISTANCE WATER :5  
BLEEDING RESISTANCE ACID: 5  
BLEEDING RESISTANCE ALKALI :4-5  
BLEEDING RESISTANCE ALCOHOL: 5

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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): LD50 > 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    UN NO: NO HAZARDOUS PRODUCT  
GGVE/GGVS: NO HAZARDOUS PRODUCT    RID/ADR: NO HAZARDOUS PRODUCT  
ICAO/IATA-DGR: NO HAZARDOUS PRODUCT    ADN: 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.

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