

MATERIAL SAFETY DATE SHEET

Hangzhou Geecolor Chemical Co., Ltd
19F, Bldg1,Dachenplaza,xiaoshan ETDZ,
Hangzhou, China
info@geecolor.com

1. TRADE NAME(PRODUCT IDENTIFIER): Benzidine Yellow GS1301

MANUFATURER: Hangzhou Geecolor Chemical Co., Ltd

19F,Bldg1,Dacheng Plaza,xiaoshan ETDZ,Hangzhou,China

EMERGENCY NUMBER : Tel: 0086-571-83737688 Fax:0086-571-83737638

2. COMPOSITION/INFORMATION ON INGREDIENTS

CONTENT: C.I.21100

CAS-NO.: 5102-83-0

EINECS NO.: 225-822-9

HAZARDOUS INGREDIENTS: NO Hazardous

3. POSSIBLE HAZARDS

Not classified as hazardous

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

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 DUST 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 FOOD STUFFS IN DRY AND
VENTILATED AREA

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE LIMITS:TWA(8h/total dust): 10mg/m³

TWA(8h/dust breathable): 5mg/m³

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

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOUR : yellow powder

ODOUR : mild

MELTING SOFTENING POINT: 344°C

MOLECULAR FORMULA: C₃₆H₃₄Cl₂N₆O₄

MOLECULAR FORMULAR: 686.5

TINTING STRENGTH: 95-105% of the standard

SOLUBLE IN WATER : 1.5% max

DENSITY: 1.2-1.45

VOLATILE AT 105°C: 2.5% max

OIL ABSORPTION: 45-55%

FASTNESS TO LIGHT: 6
FASTNESS TO HEAT(°C): 200
BLEEDING RESISTANCE WATER : 5
BLEEDING RESISTANCE ACID: 5
BLEEDING RESISTANCE ALKALI : 5
BLEEDING RESISTANCE ALCOHOL: 5

10. STABILITY AND REACTIVITY

CONDITION TO AVOID: PROTECT FROM HUMIDITY

HAZARDOUS REACTIONS :
HAZARDOUS DECOMPOSITION PRODUCTS:

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

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.
