

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

1. TRADE NAME (PRODUCT IDENTIFIER): CYANINE BLUE 1541

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. 74160 CAS-No. 147-14-8 EINECS NO.: 205-685-1
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

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

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Powder
COLOUR:	BLUE powder
ODOUR:	No
PH at 10 g/l H2O (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:	480°C
MOLECULAR FORMULA:	C ₃₂ H ₁₆ CuN ₈
MOLECULAR FORMULAR:	576.07

10. STABILITY AND REACTIVITY

CONDITION TO AVOID: PROTECT FROM HUMIDITY

HAZARDOUS REACTIONS :

HAZARDOUS DECOMPOSITION PRODUCTS :

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.