MATERIAL SAFETY DATA SHEET

HANGZHOU COLORING CHEMICAL CO., LTD ROOM 4101 NO 2 BUIDING RADISSON FORTUNE CENTER NO 108 NORTH SHIXIN ROAD XIAOSHAN AREA HANGZHOU CITY CHINA pigments@coloringchem.com

TRADE NAME (PRODUCT IDENTIFIER): Permanent Yellow 8301SO MANUFACTURER : HANGZHOUCOLORING CHEMICAL CO., LTD ROOM 4101 NO 2 BUIDING 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. 21108 HAZARDOUS INGREDIENTS CAS-No.: 5567-15-7 EINECS NO.: 226-939-8 No Hazardous

3. POSSIBLE HAZARDS

4. FIRST AID MEASURES

GENERAL ADVICE

IF INHALEDIN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT.
IF A EMPLOYEE HAS INHALED MORE THAN A TOLERABLE QUANTITY OF DUST
DON SKIN CONTACTCOUNTERACT
BY REMOVAL OF PERSON TO FRESH AIRON SKIN CONTACTAVOID CONTACT WITH SKIN. WASH CONTAMINATED PARTS WITH PLENTY OF WATER
AVOID CONTACT WITH EYES. IF EYE CONTAMINATED, RINSE IT OUT WITH WATER, ASK FOR
MEDIACAL HELPON INGESTIONWHEN 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 DUSTENVIRONMENTAL PRECAUTIONS: AVOID CREATING DUSTY CONDITIONSMETHODS 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 HAND PROTECTION EYE PROTECTION BODY PROTECTION : FILTERS : GLOVES : SAFETY GLASSES : PROTECTIVE SUIT

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GENERAL SAFETY AND HYGIENE MEASURES : WHEN USING DO NOT EAT OR DRINK

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: YELLOW Powder COLOUR: RED powder ODOUR: No PH at 10 g/l H2O (20°C): 6.5-7.5 BOILING POINT / RANGE : Not available PCB: **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: Not available VISCOSITY : MELTING SOFTENING POINT: 420°C MOLECULAR FORMULA: C₃₆H₃₂CL₄N₆O₈ MOLECULAR FORMULAR: 818.49

10. STABILITY AND REACTIVITY

CONDITION TO AVOID: PROTECT FROM HUMIDITY

HAZARDOUS REACTIONS :

11. TOXICOLOGICAL INFORMATION

ORAL ACUTE TOXICITY (RAT):DL60>2000mg/kg or treated in ratsSKIN IRRITATION (RABBIT):Skin irritation studies have been reported to be negativeEYES 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 PRODUCTUN No: NO HAZARDOUS PRODUCTGGVE / GGVS: NO HAZARDOUS PRODUCTRID / ADR: NO HAZARDOUS PRODUCTICAO / IATA - DGR : NO HAZARDOUS PRODUCTADNR: 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.