

# YIDA COLOR-TECH COMPANY LTD

HEZHUANG INDUSTRY ZONE, XIAOSHAN DISTRICT, HANGZHOU, CHINA  
0571-82960377

## MATERIAL SAFETY DATA SHEET

Product: PIGMENT RED 8402 CAKE

Date of issue: 09/22/2015

Revise date: 02/03/2016

Number of revision: 1

### 1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY NAME

Trade name: PIGMENT RED 8402 CAKE  
Company identification: YIDA COLOR-TCH COMPANY LTD  
Address: HEZHUANG INDUSTRY ZONE, XIAOSHAN DISTRICT, HANGZHOU, CHINA  
TEL: 86-571-82960377

Phone number:

Fax number:

E-mail:

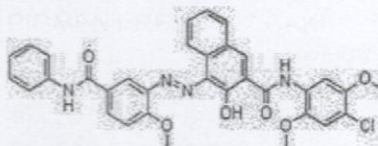
### 2. COMPOSITION/INFORMATION ON INGREDIENT

Composition: Pigment red 8402  
Characterization of the product: RED DISPERSION  
CAS NO.: 5280-68-2  
C.I.: 12485

EINECS:

Chemical formula: C33H27ClN4O6

Molecular structure:



### 3. HAZARDOUS IDENTIFICATION

Most important Hazards (Effects of overexposure):

**Eyes and Skin:**

Studies have been reported to be negative. No evidence of absorption or adverse health effects based on animal test.

**Ingestion:**

Considered to be practically non-toxic.

### 4. FIRST-AID MEASURES

**Eyes:**

Flush thoroughly with large amounts of water for at least 15 minutes if initiation. Seek medical attention if irritation persists.

**Skin:**

Wash with water, if symptoms occur, consult physician.

**Ingestion:**

Treat symptomatically.



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## 5. FIRE-FIGHTING MEASURES

### Extinguishing media:

Water mist, foam, CO<sub>2</sub>, dry powder.

### Special exposure hazards, combustion products:

Thermal decomposition may produce carbon monoxide, carbon dioxide, nitrogen oxides and hydrogen chloride.

### Special protective equipment for firefighters:

Wear appropriate protective equipment and clothing.

### Protection against fire and explosion:

None

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions:

Avoid contacting with skin and eyes by wearing an approved dust mask.

### Environmental measures:

No special measures required, comply with local regulations.

### As a general precaution:

Wash thoroughly after contact with product.

### Methods for cleaning up:

Vacuum clean dust with equipment fitted with HEPA filter, or spread absorbent material, collect into suitable container for disposal. For large spills, dike with inert material. Collect spilled material for possible salvage or disposal. Report all large spills to environmental authorities. Wash contaminated surface thoroughly with water and detergent. Waste disposal methods should be in accordance with methods set forth by local, state and federal authorities.

## 7. HANDLING AND STORAGE

### Max. Storage temperature:

Not available.

### Preferred storage:

Indoor, store in accordance with standard approved warehousing procedures. Repair all broken bags immediately.

### Handling:

All handling may cause dust emission. Organize the handling in such a way, that the creation of dust is minimized. Secondary dust emission may be minimized by means of good housekeeping.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Engineering measures taken before personal protection equipment is necessary:

Adequate ventilation to keep dust level below local TLV for nuisance dust.

### Components with critical values that require monitoring at the work place:

not required

### Personal protective equipment:

#### Respiratory:

Wear disposable respiratory masks, suitable for nuisance dusts.

#### Protection of skin and eyes:





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Wear gloves and overalls wear goggles or safety glasses with side shields.

## General protective equipment:

Cleaning of contaminated garments by suction; do not brush or use compressed air.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Presscake
Color:	Red
Odor:	Odorless
PH value:	7±1
Pigment content:	43.5±1%
Heat resistance:	150°C (6%) ; 140°C (1%)
Wash fastness:	4-5(CO) ; 3-4 (CO)
Rubbing Fastness:	3-4(Dry); 3(Wet)
Alkali treatment:	4
Acid treatment:	4
Light fastness:	5
Weather Fastness:	7
Solubility in water:	Insoluble in water.
Molecular Formula:	C33H27ClN4O6
Molecular Weight:	611.04

## 10. STABILITY AND REACTIVITY

### Conditions to be avoided:

None in designed use

### Decomposition products:

carbon, nitrogen and chlorinated compounds

## 11. TOXICOLOGICAL INFORMATION

Not available

## 12. ECOLOGICAL INFORMATION

### Environmental fate and distribution:

Complete information is not yet available.

### Environmental effects:

Complete information is not yet available.

### Fate and effects in waste water treatment plants:

Complete information is not yet available.

## 13. DISPOSAL CONSIDERATIONS

### Product:

Waste from this material is not considered as dangerous waste according to EU-rules and can generally be brought to a normal tip with a permit to handle industrial waste. When contaminated with dangerous products the advice of an expert has to be obtained. In general the product is dusty, and as long as it has not been adequately wetted, it should be packed in well-closed containers for removal. Check the local regulations and requirements.



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## Empty packaging:

As above.

## 14. TRANSPORT INFORMATION

### Additional information:

Not classified as dangerous goods.

## 15. REGULATORY INFORMATION

### Designation according to EC guidelines:

Not required

### Risk phrase:

Possible risk of irreversible effects

### Safety advice:

Avoid contact with eyes & skin

### Water hazard class:

Not list in U.N. hazardous list — class 0 (self-assessment)

## 16. OTHER INFORMATION

These dates are based on our present knowledge. Material safety data sheets can never serve the purpose of a specification.

The end of document

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