

YIDA COLOR-TECH COMPANY LIMITED

Hezhuang Industry Zone, Xiaoshan District, Hangzhou, China
TEL : 0571-82960377

MATERIAL SAFETY DATA SHEET

Product: PIGMENT YELLOW 14 CAKE

Date of issue: 11/08/2015

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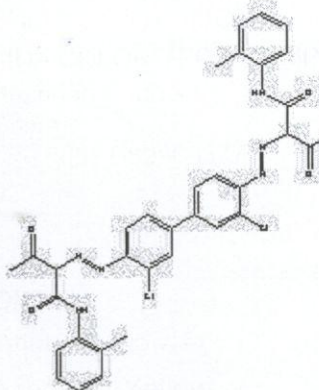
Number of revisal: 1

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY NAME

Trade name: Pigment Yellow 14 CAKE
Company identification: YIDA COLOR-TECH COMPANY LIMITED
Address: Hezhuang Industry Zone, Xiaoshan District, Hangzhou, China
TEL : 0571-82960377
Phone number:
Fax number:
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2.COMPOSITION/INFORMATION ON INGREDIENT

Composition: Pigment yellow 14
Characterization of the product: Greenish Yellow
CAS NO.: 5468-75-7
C.I.: 21095
EINECS: 226-789-3
Chemical formula: $C_{34}H_{30}Cl_2N_6O_4$
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 initiated. Seek medical attention if irritation persists.

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Skin:

Wash with water, if symptoms occur, consult physician.

Ingestion:

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing media:

Water mist, foam, CO₂, dry powder

Special exposure hazards, combustion products:

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

Special protective equipment for firefighters:

Wear appropriate protective equipment and clothing.

Protection against fire and explosion:

None

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

Environment precautions:

Keep away from drain, soil, surface & groundwater.

Cleaning up methods for spillages:

Remove all potential ignition sources. Vacuum up and wash spill site. Observe state, federal & local disposal regulations.

7. HANDLING AND STORAGE

Precautions in handling:

Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

Storage conditions:

Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

Fire protection:

Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

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:

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



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General protective equipment:

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Presscake
Color:	Greenish Yellow
Odor:	Odorless
PH value:	7±1
Pigment content:	33.3±1%
Heat resistance:	200°C (6%); 180°C (1%)
Wash fastness:	4-5(CO); 4 (CO)
Rubbing Fastness:	4(Dry); 3-4(Wet)
Alkali treatment:	4
Acid treatment:	4
Light fastness:	6-7
Weather Fastness:	6
Solubility in water:	Insoluble in water.
Molecular Formula:	C ₃₄ H ₃₀ Cl ₂ N ₆ O ₄
Molecular Weight:	657.5458

10. STABILITY AND REACTIVITY

Conditions to be avoided:

None in designed use

Decomposition products:

Not available

Chemical stability:

Stable.

Hazardous polymerization:

Will not occur.

Materials to avoid / incompatibility:

Oxidizing material can cause a reaction. Water, moisture or humid air can cause hazardous. No known applicable information.

11. TOXICOLOGICAL INFORMATION

The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation.

Set out below is the toxicological information relating to the main substances in the preparation. The product does not contain toxicologically relevant substances.

LD50 oral (rat): > 5000 mg/Kg

Primary skin irritation (rabbit): not irritant

Primary eyes irritation (rabbit): not irritant

12. ECOLOGICAL INFORMATION

Adopt sound working practices, so that the product is not released into the environment.

Water hazard class: WGK (dangerous class for water in RTF)=0

Not dangerous (self assessment)



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13. DISPOSAL CONSIDERATIONS

Avoid disposing to drainage systems and into the environment. Seek expert advice.

14. TRANSPORT INFORMATION

Additional information:

Not classified as dangerous goods.

15. REGULATORY INFORMATION

SDS in compliance with the following European Directives:

Directive 67/548/EEC - Directive 1999/45/EC (Classification and Labelling):

The preparation should not be considered as dangerous according to Directive 45/1999/EC

Where applicable, refer to the following regulatory provisions :

Ministerial circulars 46 e 61 (Aromatic amines).

Law 136/83 (Biodegradability of detergents).

Presidential Decree D.P.R. 175/88 (Seveso Directive), Appendices II°, III° e IV°.

Presidential Decree D.P.R. 250/89 (Labelling of detergents).

Inventory information:

EEC EINECS:

All components of this product are included in the European Inventory of Existing Chemical Substances (EINECS) in compliance with Council Directive 67/548/EEC and its amendments.

US TSCA :

The components of this product appear in the TSCA list.

CANADA DSL:

The components of this product are included in the Canada Domestic Substances List (DSL).

16. OTHER INFORMATION

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

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