

# Safety Data Sheet (No.453/2010 EU)

Trade name:ECOMAGIC Pigment Blue P514

Revision Date:2024.1.1



## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade name: ECOMAGIC Pigment Blue P514

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

#### Relevant identified uses of the substance or mixture of the product

Industry sector: Industrial Performance Chemicals  
Paints, lacquers and varnishes industry  
Polymers industry  
Printing Inks Industry

Type of use: Colorant/organic pigment

### 1.3 Details of the supplier of the safety data sheet

#### Identification of the company

Zhejiang Yicheng Technology Co., Ltd  
No. 19 Yulin Road,  
Xinchang County, Shaoxing City, Zhejiang Province  
Tel : 0086-18934585194  
E-mail: 675362287@qq.com

#### Information about the substance/mixture

Technical Department

Pigment Division  
Tel: 0086-18934585194

### 1.4 Emergency telephone number

0086-15850235562(only available in working days)

## Section 2: Hazards identification

### 2.1 Classification of the substance

or mixture Classification according to EC Directive (67/548/EEC)

| Category of danger/Category | Hazard symbol                                   | R-phrases |
|-----------------------------|-------------------------------------------------|-----------|
| No dangerous                | No dangerous components according to 2001/58/EC | ---       |

### 2.2 Label elements

Labelling in accordance with EC-Directives (67/548/EEC)

Hazard warning labeling not compulsory

### 2.3 Other hazards

According to the present state of knowledge provided this product is handled correctly, there is no danger to humans or the environment.

## Section 3: Composition/information on ingredients

Product description: substance ( ); preparation/mixture (√)

| Ingredient (s)    | CAS number | % by weight |
|-------------------|------------|-------------|
| Pigment Blue 15:0 | 147-14-8   | 25.0        |
| Surfactant        | 9902-92-0  | 20.0        |
| Water             | 7732-18-5  | 55.0        |

## Section 4: First-aid Measures

### 4.1 Description of first aid measures

#### General information

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Seek medical assistance if discomfort continues

## After inhalation

Remove the casualty into fresh air and keep him calm.

## After contact with skin

In case of contact with skin, clean with soap and water.

## After contact with eyes

Rinse the affected eye with plenty of water, at the same time keep the unaffected eye well protected.

## After ingestion

If swallowed do not induce vomiting, seek medical advice and show safety datasheet or label

## 4.2 Most important symptoms and effects, both acute and delayed

### Symptoms

No symptoms known currently

### Hazards

No hazards known at this time

## 4.3 Indication of any immediate medical attention and special treatment needed

### Treatment

Treat symptomatically.

## Section 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Water spray jet  
Dry powder Carb  
on dioxide  
Alcohol-resistant  
foam Water jet

#### Extinguishing media that must not be used for safety reasons

None

### 5.2 Special hazards arising from the substance or mixture

In case of fires, hazardous combustion gases are formed:

Carbon monoxide (CO)  
Carbon dioxide (CO<sub>2</sub>)  
Nitrogen oxides (NO<sub>x</sub>)

### 5.3 Advice for firefighters

#### Special protective equipment for firefighting

Use self-contained breathing apparatus

## Section 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable personal protective equipment.

### 6.2 Environmental precautions

Do not allow entry to drains, water courses or soil

### 6.3 Methods for cleaning up/taking up

Pick up with absorbent material (e.g. sand, kieselgur, acid binder)  
When picked up, treat material as prescribed under heading "Disposal".

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## 6.4 Reference to other sections

### Additional information

Donot letthe liquiddrain intorivers,ponds or sewer systems.

## Section 7:Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

When used and handled appropriately no special measures are needed

#### Advice on protection against fire and explosion

Observe the generalrules ofindustrialfire protection

### 7.2 Conditions for safe storage, including any incompatibilities

#### Requirements for storage areas andconditions

Nospecialmeasures required.

#### Advice onstorage compatibility

Notrequired.

#### Further informationonstorage conditions

Keepcontainertightly closed

-sensitive tofrost- incase ofthe productbecoming opaque,thickeningor being frozendue tothe effects ofcold,allowtothawslowlyat roomtemperature.Stir briefly before use.

#### Storagestability

Shelflife is limitedin2years.

### 7.3Specific end use(s)

Nofurther recommendations.

## Section 8:Exposure controls/personal protection

### 8.1 Control parameters

#### Exposure limit values

Exposure limit values are not available.

#### DNEL/DMEL values

DNEL/DMEL values are not available.

#### PNEC values

PNEC values are not available.

### 8.2 Exposure controls

#### General protective measures

Observe the usual precautions for handling chemicals.

#### Hygiene measures

Wash hands before breaks and after work.

Use barrier skin cream.

Remove soiled or soaked clothing immediately and clean thoroughly before using again.

#### Respiratory protection :

Not required

Protectionnecessary ifaerosols or vapors shoulddevelop.

#### Hand protection :

Nitrile rubber gloves.

Minimum breakthrough time (glove): not determined

Minimum thickness (glove): not determined

Observe the information of the glove manufacturers on permeability and breakthrough times and other workplace requirements

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Eye protection : safety glasses  
Body protection : working clothes

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state/shape: Liquid  
Color: Blue  
Smell: Not specified  
pH value : 7.5-9.0 (25 °C)  
Melting point (decomposition) : Not applicable  
Flash point : Not applicable-aqueous solution without volatile components  
Evaporationrate : Not tested  
Flammability  
Lower explosionlimit: Not available  
Upper explosion limit:Combustionnumber : Not available  
Vapour pressure : Nottested  
Solubility in water : Miscible  
n-Octanol/water partition coefficient (log Pow) : Not applicable  
Self-ignition temperature : Nottested  
Thermal decomposition : >100 °C  
Withdehydration  
Viscosity (dynamic) : <1000 mPa.s (D=60s<sup>-1</sup>,25°C)  
Viscosity (kinematic) : Not tested  
Explosive properties : Explosive accordingtoEUsupplyregulation: None  
Oxidizingproperties: Not applicable

### 9.2 Other information

Density : 1.18 g/cm<sup>3</sup> (20 °C)

## Section 10: Stability and reactivity

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## 10.1 Reactivity

See section 10.3 “possibility of hazardous reactions”

## 10.2 Chemical stability

Stable

## 10.3 Possibility of hazardous reactions

When handled and stored appropriately no dangerous reactions are known

## 10.4 Conditions to avoid

None known

## 10.5 Incompatible materials

Not known

## 10.6 Hazardous decomposition products

When handled and stored appropriately no dangerous decompositions are known

## Section 11: Toxicological information

### 11.1 Information on toxicological effects

|                                 |                                                                                                                                           |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Acute oral toxicity :           | LD50> 2,000 mg/kg (rat )<br>The product has not been tested. The information is derived from the properties of the individual components. |
| Skin irritation or corrosion :  | non-irritant (rabbit)                                                                                                                     |
| Eye irritation or corrosion :   | non-irritant (rabbit eye)                                                                                                                 |
| Respiratory or skin allergies : | non-sensitizing                                                                                                                           |

## Section 12: Ecological information

### 12.1 Toxicity

|                                                       |               |
|-------------------------------------------------------|---------------|
| Fish toxicity :                                       | Not available |
| Daphnia toxicity :                                    | Not available |
| Algae toxicity :                                      | Not available |
| Bacteriatotoxicity :                                  | Not available |
| Toxicity to soil-dwelling organisms:                  | Not available |
| Toxicity to terrestrial organisms:                    | Not available |
| Toxicity to other environmentally relevant organisms: | Not available |
| Sediment toxicity:                                    | Not available |

### 12.2 Persistency and degradation

|                                  |               |
|----------------------------------|---------------|
| Physical-Chemical eliminability: | Not available |
|----------------------------------|---------------|

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|                                        |                |
|----------------------------------------|----------------|
| <b>Photo degradation:</b>              | Not available  |
| <b>Biodegradability :</b>              | Not tested.    |
| <b>Dissolved organic carbon(DOC):</b>  | Not applicable |
| <b>Chemical oxygen demand(COD)</b>     | Not applicable |
| <b>Biochemical oxygen demand(BOD):</b> | Not applicable |

## 12.3 Bioaccumulative potential

|                         |                |
|-------------------------|----------------|
| <b>Bioaccumulative:</b> | Not applicable |
|-------------------------|----------------|

## 12.4 Mobility in soil

|                                                                        |                                            |
|------------------------------------------------------------------------|--------------------------------------------|
| <b>Transport and distribution between environmental compartments :</b> | No information is available on the mixture |
|------------------------------------------------------------------------|--------------------------------------------|

## 12.5 Results of PBT and vPvB assessment

No data available

## 12.6 Other adverse effects

### Additional ecotoxicological remarks

Do not allow to enter soil, waterways or wastewater

## Section 13: Disposal considerations

### 13.1 Waste treatment methods

#### Products

Product should be taken to a suitable and authorized waste disposal site in accordance with relevant regulations and if necessary after consultation with the waste disposal operator and/or the competent Authorities

#### Uncleaned packaging

Packaging that cannot be cleaned should be disposed of as product waste

## Section 14: Transport information

### Section 14.1. to 14.5

|             |                |
|-------------|----------------|
| <b>IATA</b> | not restricted |
| <b>ADNR</b> | not restricted |
| <b>IMDG</b> | not restricted |
| <b>ADR</b>  | not restricted |
| <b>RID</b>  | not restricted |

### 14.6 Special precautions for user

See sections 6 to 8 of this Safety Data Sheet

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code

No transport as bulk according to IBC - Code

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## Section 15: Regulatory information

### 15.1 Safety, health and environmental regulation/legislation for the substance or mixture

#### Other regulations

Apart from the data/regulations specified in this chapter, no further information is available concerning safety-, health- and environmental protection.

### 15.2 Chemical safety assessment

No Chemical Safety Assessment (CSA) is available for the substance, or for the component substances, contained in this product.

## Section 16: Other information

### Observational and local legal requirements

The data are based on the current state of our knowledge, and are intended to describe the product with regard to the requirements of safety. The data should not be taken to imply any guarantee of a particular or general specification. It is the responsibility of the user of the product to ensure to his satisfaction that the product is suitable for the intended purpose and method of use. We do not accept responsibility for any harm caused by the use of this information. In all cases, our general conditions of sale apply.