

RELUX PIGMENT CHINA CO., LTD.

Material Safety Date Sheet

1. Identification of the Product and the Company

Common Name: PHTHALOCYANINE BLUE

Trade Name: BLUE RL-1510

C.I. NO.: 74160

CAS NO: 147-14-8

Chemical Formula: C₃₂H₁₆CuN₈

Supplier:RELUX PIGMENT CHINA CO.,LTD..

Emergency Phone: Tel: 086-21-34172125

2. Composition / Information on Ingredients

Chemical Name: Copper,[29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-,(Sp-4-1)-

Concentration: 100%

CAS Registry: 147-14-8

Hazardous Components: None

3. Hazards Identification

Hazards Designation: No danger symbols

Particular information pertaining to specific risk for Human and Environment: The product is not a substance subject to mandatory marking in accordance with EEC – 67/548 and 88/379 or amendments.

4. First Aid Measures:

Eye Contact: Flush with plenty of water for 15 mins, occasionally raising eyelids.

Skin Contact: In case of contact with skin wash off immediately with soap and water. Seek medical attention if irritation persists.

5. Fire Fighting Measures

Flammability Class: Not flammable

Suitable Extinguishing Media: No restriction.

Special Protective Equipment: No particular measures required

6. Accidental Release Measures

Environmental Precautions: Collect spilled material in appropriate container for disposal. Keep out of water supplies and sewers. Keep unnecessary people away, isolate hazard area and deny entry.

Methods for Cleaning up/Collecting: Remove mechanically, take-up residues with absorbing material.

7. Handling and Storage

Information for Safe Handling: Normal precautions taken when handling chemicals Should be observed.

Information about protection against explosions and fires: The product is non-flammable.

Storage: Store in cooled places at room temperature. Keep containers tightly sealed.

Flammability Class: Not applicable.

8. Exposure Controls and Personal Protection

Respiratory Protection: Use any air purifying respirator with filter

Ventilation: Local exhaust or containment

Hand protection: Rubber Hand Gloves recommended

Eye Protection: Avoid Eye Contact, Safety Goggles recommended

Body Protection: Impervious clothing

Recommended personal protection in accordance with good industrial hygiene and safety practices

9. Physical and Chemical Properties

Form: Powder

Color: Blue

Odor: Odorless

Vapor: **Pressure:** Not applicable

Flammability: Not applicable

Explosion Properties: Not applicable

Specific Gravity : 1.4—1.7

Solubility in water: Insoluble

PH-value: 7±1

10. Stability and Reactivity

Stability and Reactivity: Stable at the normal temperatures and pressure.

Incompatibilities: Oxidizing materials

Oxidizers(Strong): Fire and explosion hazard

Polymerization: Will not polymerize

Hazardous Decomposition Products: Thermal decomposition products: oxides of carbon, nitrogen

11. Toxicological Information

Toxicological Test Data: Based upon industry-wide experience and published toxicological studies, organic pigments in general are considered to be non-toxic.

Toxicity Data: >5000mg/kg oral-mouse LD50

Acute Toxicity Level: Insufficient Data

Additional Data: May cross react with similar compounds

Health Effects:

Inhalation: Acute Exposure: No specific data available. Some azo dyes may cause irritation. Chronic Exposure: No data available.

Skin Contact: Acute Exposure: Reported to be non-irritating to rabbits. Some azo dyes may cause allergic contact dermatitis.

Chronic Exposure: No data available.

Eye Contact : Acute Exposure: Reported to be non-irritating to rabbits.

Chronic Exposure: No data available.

12. Ecological Information

Mobility: Non-volatile. Insoluble in water. Floats on water.

Persistence and degradability: Not biodegradable

Bio-accumulative Potential: No data available

13. Waste Disposal

- Dispose (dump or incinerate) in accordance with applicable national and local regulations.
- Contaminated packaging should be emptied of all residues. Following appropriate cleaning, they may be sent to a recycling plant.

14. Transport information

- The product does not constitute hazardous substance in national / international road, rail, sea and air transport.
- No declaration for transport required.

15. Regulatory information

Toxic Substance Control Act (TSCA):

All of the ingredients of this material have been reported to the U.S. EPA and are included in the TSCA Chemical inventory.

Classification According to EEC Directives:

Danger Symbol and Danger Designation: No Danger Symbols

R-Phrases: None

S-Phrases: None

Additional Information: Not a substance subject to mandatory marking in accordance With EEC Directive 67/548/EEC or amendments.

RCRA:

Not regulated as a hazardous waste under RCRA

EINECS (European Economic Community):

All components of this material are on the EINECS list.

CONEG:

This product is certified to be in full compliance with CONEG legislation for packaging and packaging

16. Other information

This information contained is provided in good faith. Although it is based on data from sources deemed to be reliable, RELUX PIGMENT CHINA CO.,LTD.cannot guarantee its accuracy and assumes no responsibility for conditions resulting from its use.