

1. Product and Company Identification

Product Name : POPCO GREEN 50H

Product Use : INK, PAINT, PLASTIC

Manufacturer : KYUNG KEE COLOR CO., LTD.

526 Eulsukdo road, Shinpyungdong Saha-gu Busan, KOREA

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2. Hazard Identification

- **GHS Classification :** Not classified
- **Symbol :** -
- **Signal word :** -
- **Hazard statement :**
 - Prevention** -
 - Response** -
 - Storage** -
 - Disposal** -

3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent (% w/w)
COPPER POLYCHLOROPHTHALOCYANINE GREEN	1328-53-6	100 %

4. First Aid Measures

After eye contact

- Flush eyes with running water for at least 15 minutes.
- If needed, seek medical attention.

After skin contact

- Wash skin with soap and running water.
- Remove and isolate contaminated clothing and shoes, and wash thoroughly them before use.
- If needed, seek medical attention.

After inhalation

- Keep victim warm and quiet.
- Move victim to fresh air.
- Give artificial respiration if breathing has stopped.
- If needed, seek medical attention.

After swallowing

- Rinse mouth.
- Immediately see a physician.

Notes to physician

- Ensure that medical personnel are aware of the materials involved and take precautions to protect themselves.

5. Fire Fighting Measures

Extinguishing media

Suitable extinguishing agents : Regular foam, carbon dioxide, water spray.

Unsuitable extinguishing agents : No data

Large Fires : No data

Hazardous combustion products : No data

Protection of firefighters

Specific hazards arising from the chemical : Toxic fumes may occur when combustion or in high temperatures occurs.

Protective equipment for firefighters :

- Firefighters should wear self-contained breathing apparatus (SCBA).
- Structural firefighter's protective clothing will only provide limited protection.

General fire hazards

- Water or foam may cause frothing which can be violent and possibly endanger the life of the fire fighter.
- Water may be used to keep fire-exposed containers cool until fire is out.
- Wear a self-contained breathing apparatus and chemical resistant personal protective equipment.

6. Accidental Release Measures

Personal precautions

- Use personal protective equipment.
- Ensure adequate ventilation.
- Fire-extinguishing devices should be prepared in case of a fire.

Environmental precautions

- Atmosphere : Use with adequate ventilation.
- Land : Collect the spill into an air-tight vessel for later disposal.
- Underwater : Prevent entry into public water course.

Methods for cleaning up

- Collect as much as possible in a clean container for (preferable) reuse or disposal.

7. Handling and Storage

Safe Handling

- Wash thoroughly after handling.
- Since emptied containers retain product residues, all hazard precautions given in the data sheet must be observed.

Safe Storage

- Normal temperature and normal pressure.
- Keep container closed when in use.

- Empty container contains residual product which may exhibit hazards of product.
- Avoid prolonged exposure to heat and air.

8. Exposure Controls and Personal Protection

Engineering Controls : Provide adequate ventilation.

Exposure Limits : N/A

Personal Protective Equipment

- **Respiratory Protection:** None required under normal handling conditions. Use approved dust mask if dust levels are irritating.
- **Eyes:** Wear chemical safety goggles.
- **Skin:** Wear resistant gloves such as: rubber, neoprene.
- **Clothing:** Wear impervious clothing and boots.

9. Physical and Chemical Information

Appearance	Solid(Powder)
Color	Green
Odor/Odor threshold	Odorless
pH	N/A
Melting point/Freezing point	N/A
Initial boiling point and Boiling range:	N/A
Flashpoint	N/A
Evaporation rate	N/A
Flammability (solid, gas)	No data
Upper/lower flammability or explosive limits	No data
Vapor pressure	N/A
Solubility	Insoluble
Vapor density	N/A
Relative Density	2.13
Partition coefficient: n-octanol/water	No data
Auto-ignition temperature	No data
Decomposition temperature	No data
Viscosity	No data
Molecular weight	1,082-1,127

10. Stability and Reactivity

Stability : Stable under normal temperature and pressure

Conditions to Avoid : Heat, flame, other sources of ignition

Incompatible materials : Oxidizing agents. Fire and explosion hazard

Hazardous decomposition products : Carbon oxides, Nitrogen oxides.

11. Toxicological Information

○ Acute toxicity (Oral)	LD50>5,000 mg/kg. Gastric disturbances
○ Acute toxicity (Dermal)	No data
○ Acute toxicity (inhalation)	No data
○ Skin corrosion/irritation	No data
○ Serious eye damage/eye irritation	Contact may cause mechanical irritation.
○ Respiratory sensitization	May cause irritation of the mucous membranes.
○ Skin sensitization	No data
○ Carcinogenicity	No data
○ Germ cell mutagenicity	No data
○ Reproductive toxicity	No data
○ Specific target organ Toxicity (Single exposure)	No data
○ Specific target organ Toxicity (Repeated exposure)	Repeated contact may cause an allergic reaction.
○ Aspiration	No data

12. Ecological Information

○ Toxicity	No data
○ Persistence and degradability	No data
○ Bioaccumulative potential	No data
○ Mobility in soil	No data
○ Other adverse effects	No data

13. Disposal Considerations

- Incinerate or landfill waste in a properly permitted facility in accordance with federal, state and local regulations. Liquids cannot be disposed of in a landfill.

14. Transport Information

UN Number	: -
Proper Shipping Name	: -
Transport hazard class	: -
Packing group, if applicable	: -
Environmental hazards	: -
Special precautions for user	: -

15. Regulatory Information

Safety, health and environmental regulations specific for the product in question:

- **EU Regulation**
 - European Inventory of Existing Commercial Substances : EINECS No. 215-524-7.
 - EU Directive 67/548/EEC : Not regulated.
 - Regulation EC 1272/2008 : Not regulated.

- **US Regulation**
 - Toxic Substances Control Act (TSCA) List of Existing Chemicals: Listed
- **International Regulation**
 - International Council of Chemical Associations (ICCA) HPV Chemicals Programme : Not regulated
 - Rotterdam Convention: Not regulated
 - Stockholm Convention on Persistent Organic Pollutants(POPs): Not regulated
 - Montreal Protocol : Not regulated
- **German Regulations Water Hazard Class (WGK): 0** (Self Classification by Manufacturers and Distributors)

16. Other Information

References

- National library of Medicine (NLM)
- ECB-ESIS (European chemical Substances Information System)
- eChemPortal: The Global Portal to Information on Chemical Substances
- Chemical Risk Information Platform (CHRIP)
- Emergency Response Guidebook (2008)

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