

MATERIAL SAFETY DATA SHEET**1 IDENTIFICATION OF SUBSTANCE AND COMPANY**

Substance	: Copper Phthalocynine Green (SC/G7-1022[INK])
Trade Name	: Pigment Green 7
Chemical Family	: Organic Pigments
Molecular Formula	: $C_{32} N_8 Cl_{14-16} Cu$
Manufacturer	: Mamta Industries C1B-2437, 3rd Phase, G.I.D.C, Vapi - 396195, Gujarat, India Tel: +91-260-2428930 Mobile: +91-9979889587 / 9979889584 Email: mamtaind20@gmail.com / info@mamtaindustries.co.in Website: www.mamtaindustries.co.in

2 COMPONENTS AND CHEMICAL CHARACTERISATION

Color Index Name	: Pigment Green 7
Substance Name	: Copper phthalocynine Green
Percentage	: $\geq 99\%$
Pigment Description	: Poly Chlorinated Phthalocynine Green
Color Index No.	: 74260
CAS No.	: 1328-53-6
EINECS No.	: 215-524-7

3 HAZARD IDENTIFICATION

- No Known Hazards.

Potential Health Effects

EYE Contact	: Dust may cause eye irritation
SKIN contact	: May cause skin irritation
INGESTION	: May cause irritation
INHALATION	: May cause irritation of the respiratory tract, may cause Nausea.

4 FIRST AID MEASURES**SWALLOWED**

- If swallowed do not induce vomiting seek medical attention where possible without delay.

EYE

- If this product comes in contact with the eyes, Wash out immediately with fresh running water at least for 15 minutes. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.

MATERIAL SAFETY DATA SHEET**SKIN**

- If skin contact occurs, Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available).

INHALED

- If products are inhaled move to fresh air form contaminated area. Lay patient down and aid in breathing and get medical attention.

5 FIRE AND EXPLOSION DATA

Flash Point	: Not Applicable
Auto ignition Temp	: Not Applicable
Lower Exposure Limit	: Not Applicable
Upper Exposure Limit	: Not Applicable
Suitable Fire fighting Media	: Water Spray, Foam or dry chemical powder,CO2
Unsuitable Fire fighting Media	:
Fire fighting procedure	: Positive pressure, self contained breathing apparatus. Dispose of chemically contaminated water and soil according to local regulations

6 ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS**

- Avoid breathing dust and contact with skin and eyes.
- Wear protective clothing, gloves, safety glasses and dust respirator.

ENVIRONMENTAL PRECAUTIONS

- Sweep & Transfer into suitable and closed containers for disposal. Keep waster out of sewers. Clear area of personnel and Avoid dusting.

METHOD OF CLEANING UP:

- Clean up waste regularly and abnormal spills immediately.
- Use dry clean up procedures and avoid generating dust.
- Vacuum up or sweep up.
- Dampen with water to prevent dusting before sweeping.
- Place in suitable containers for disposal.

7 HANDLING & STORAGE**PROCEDURE FOR HANDLING**

- Avoid all personal contact, including inhalation.
- Wear protective clothing (gloves, safety glasses and dust respirator) when risk of exposure occurs.
- Wash thoroughly after handling.

RECOMMENDED STORAGE METHODS

- Polyethylene or polypropylene container/Bag.
- Check all containers are clearly labeled, closed and free from leaks.
- Keep away from food and feed products.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION**Respiratory Protection**

- Local exhaust ventilation, Air-purifying respirator

Hygiene measure

- Keep away from foodstuffs and beverages.
- Wash hands before breaks and after work.
- Clean skin thoroughly after work, apply skin cream.

Hand protection

- Protective rubber gloves

Eye protection

- Safety glasses

9 PHYSICAL DATA & CHEMICAL PROPERTIES

Description	:	Dry Green colour Powder
Odour	:	odourless
% Volatiles	:	Max 1%
Boiling Point	:	Not Available
Melting Point	:	Not Available
Specific Gravity	:	1.5 – 1.6
Evaporation	:	Not Applicable
pH	:	6.5 – 7.5 (10 gms/250 ml water)
Solubility in Water	:	Insoluble in water

10 STABILITY AND REACTIVITY

- Under normal condition of storage and use, product is considered stable.
- Hazardous decomposition products are none (If proper processing)

11 TOXICOLOGICAL INFORMATION

- Actual Oral toxicity LD50(rat) > 5000 mg/kg

MATERIAL SAFETY DATA SHEET**12 ECOLOGICAL INFORMATION**

- This product is insoluble in water and can be separated by sedimentation or filtration process.
- Avoid infiltration in waste water drainage or soil.
- Aquatic organisms may cause long-term adverse effects in the aquatic environment.
- This material and its container must be disposed of as hazardous waste.
- Avoid release to the environment.
- Toxicity to fish : *Leuciscus idus*/LC0(48H): > 100 mg/l
- Micro organism/effect on activated sludge: No inhibitory effects at 100 mg/l

13 DISPOSAL CONSIDERATIONS

- In accordance with current regulations, may be taken to waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.

14 TRANSPORT INFORMATION

GGV IMDG CODE	: None
ICAO/IATA-DGR	: None
UN No.	: None
RID/ADR	: None

15 REGULATORY INFORMATION

- The product does not require a hazard warning label in accordance with EC directives.

16 OTHER INFORMATION

- The MSDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.
- This information is based on our present state of knowledge. It should not therefore, be construed as guaranteeing specific properties of the products described or their suitability for a particular application.