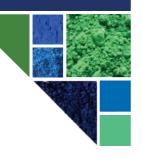




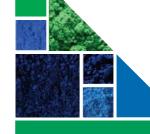


Issue Date:- 01/01/2021 To 31/12/2023 MATERIAL SAFETY DATA SHEET

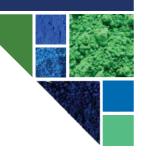
| SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION | | | |
|---|--|--|--|
| SUBSTANCE / CHEMICAL DESCRIPTION: | Copper Phthalocyanine Green | | |
| TRADE NAMES / SYNONYMS: | Rivofast Green RF706 | | |
| GENERIC NAME: | C.I. Pigment Green 7 | | |
| CONSTITUTION NUMBER: | 74260 | | |
| CAS REGISTRY NUMBER: | 1328-53-6 | | |
| CHEMICAL FAMILY: | Aromatic, Carboxylic acids, Cyanates | | |
| CHEMICAL CLASS: | Phthalocyanine Pigment | | |
| CHEMICAL TYPE: | Organic | | |
| SUPPLIER: | RIVERSIDE INDUSTRIES LIMITED | | |
| | B/6, MIDC, LOTE-PARSHURAM, KHED, DISTRICT- RATNAGIRI, MAHARASHTRA, INDIA -415722. | | |
| | TEL: +91 2356 272850 | | |
| | MOB : +91 9049 9994 45 | | |
| | EMAIL: info@riversideind.com | | |
| | WEBSITE: <u>www.riversideind.com</u> | | |
| SECTION 2 : COMPOSITION, INFORMATION (| | | |
| COMPONENT: | COPPER POLYCHLOROPHTHALOCYANINE GREEN | | |
| PERCENTAGE BY WEIGHT: | 98.5 | | |
| EC NUMBER (EINECS): | 215-524-7 | | |
| DANGEROUS COMPONENT: | None | | |
| SECTION 3: PHYSICAL AND CHEMICAL PROPE | | | |
| PHYSICAL STATE: | Solid | | |
| PHYSICAL FORM: | Powder | | |
| COLOR: | Green | | |
| ODOR: | Odorless | | |
| MOLECULAR FORMULA: | C ₃₂ H ₈ Cl ₁₆ Cu | | |
| MOLECULAR WEIGHT: | 1082-1127 | | |
| SPECIFIC GRAVITY (water=1): | 2.13 | | |
| WATER SOLUBILITY: | Insoluble | | |
| BULK DENSITY: | 0.40 to 0.55 gm/cc | | |
| PH: | Neutral | | |
| AUTO IGNITION: | Not DOT Regulated | | |
| THERMAL DECOMPOSITION: | Hazardous decomposition Not Expected | | |
| BOILING POINT: | Not Applicable | | |
| MELTING POINT: | Not Applicable | | |



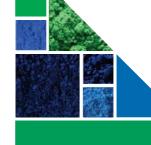




| VAPOUR PRESSURE: | Not Applicable | |
|--|--|--|
| VAPOUR DENSITY: | Not Applicable | |
| VOLATILITY: | Not Applicable | |
| ODOR THRESHOLD: | Not Applicable | |
| EVAPORATION RATE: | Not Applicable | |
| COEFFICIENT OF WATER/OIL DISTRIBUTION: | Not Applicable | |
| IGNITION TEMPERATURE: | Not Applicable | |
| PARTITION COEFFICIENT: | Not Applicable | |
| VISCOSITY: | Not Applicable | |
| OXIDIZING PROPERTIES: | Not Applicable | |
| EXPLOSION LIMITS: | Not Applicable | |
| SECTION 4 : HAZARDS IDENTIFICATION | | |
| NFPA RATINGS (SCALE 0-4): | HEALTH=1 FIRE=1 REACTIVITY=0 | |
| EC CLASSIFICATION (CALCULATED): | Not determined. | |
| SECTION 5: FIRST AID MEASURES | | |
| INHALATION: | Remove from exposure immediately and move | |
| | to fresh air. Use a bag valve mask or similar | |
| | device to perform artificial respiration and aid | |
| | in breathing. | |
| | Get medical attention if needed. | |
| SKIN CONTACT: | Remove contaminated clothing, jewelry, and | |
| | shoes immediately. Wash skin thoroughly with | |
| | soap and water. Use mild detergent and water | |
| | to wash clothes until no evidence of chemical | |
| | remains before reuse. Get medical attention, if | |
| | needed. | |
| EYE CONTACT: | Flush eyes immediately with large amount of | |
| | water, occasionally lifting upper and lower lids, | |
| | until no evidence of chemical remains. | |
| | Get medical attention immediately if irritation | |
| | remains. | |
| INGESTION: | Dilute it with water and induce vomiting. If | |
| | vomiting occurs, keep head lower than hips to | |
| | help prevent aspiration. Get medical attention | |
| | immediately. | |
| SECTION 6: FIRE FIGHTING MEASURES | | |
| FIRE AND EXPLOSION HAZARDS: | Slight fire hazard. Dust/air mixtures may ignite or explode. | |
| EXTINGUISHING MEDIA: | Regular dry chemical, carbon dioxide, water, or | |
| | regular foam. | |

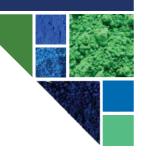






| LARGE FIRES: | Use regular foam or flood with fine water spray. | | | |
|---|--|--|--|--|
| FIRE FIGHTING: | Personal firefighting equipment procedure must be | | | |
| | used or use extinguishing agents appropriate for | | | |
| | surrounding fire. Avoid inhalation of material or | | | |
| | combustion by-products. Stay upwind and keep out | | | |
| | of low areas. | | | |
| SECTION 7: ACCIDENTAL RELEASE MEASURE | S | | | |
| OCCUPATIONAL / ENVIRONMENTAL RELEAS | E Collect spilled material in appropriate container for | | | |
| PRECAUTIONS: | disposal or vacuum into a receptacle. Keep out of | | | |
| | water supplies and sewers. Keep unnecessary | | | |
| | People away, isolate hazard area and deny entry. | | | |
| PERSONAL PRECAUTIONS: | Safety glasses, helmet, face guard, hand gloves, etc to be worn. | | | |
| SECTION 8: HANDLING AND STORAGE | | | | |
| Store and handle in accordance with all curre | ent regulations and standards. Keep separated from | | | |
| incompatible substances. | | | | |
| This product should be handled under condit | tions of good industrial hygiene. | | | |
| In particular, creating and inhaling of dust is | to be prevented by the use of lock exhaust ventilation | | | |
| during handling and weighing. | | | | |
| Usual precaution for nuisance dust should be | Usual precaution for nuisance dust should be observed. Store in rooted place at room temperature. | | | |
| Keep container tightly sealed, protect from f | ire. | | | |
| Keep away from source of ignition or no smo | - | | | |
| | powders, it may form flammable dust clouds in air. | | | |
| Also prevent dust collection by regular cleaning. | | | | |
| SECTION 9: EXPOSURE CONTROLS, PERSONA | AL PROTECTION | | | |
| EXPOSURE LIMITS: | No occupational exposure limits established. | | | |
| VENTILATION: | Provide local exhaust ventilation system. Ensure | | | |
| | compliance with applicable exposure limits. | | | |
| EYE PROTECTION: | Wear splash resistant safety glasses. Provide an | | | |
| | emergency eye wash fountain and quick drench | | | |
| | Shower in the immediate work area. | | | |
| CLOTHING: | Wear appropriate chemical resistant clothing. | | | |
| | Wear appropriate chemical resistant gloves. | | | |
| GLOVES: | | | | |
| RESPIRATOR: | Wear appropriate chemical resistant gloves. Under conditions of frequent use or heavy exposure, | | | |
| | | | | |

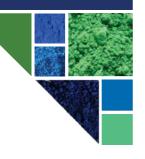
Corporate Office : 1204, Aston Towers, Surdervan Complex, Lokhandwala Road, Andheri (West), Mumbai - 400053. Tel.: 022 2630 0883 Works : B-6, MIDC, Lote-Parshuram, Mumbai-Goa Highway, Taluka-Khed, Dist. Ratnagiri - 415722, Maharashtra, INDIA. Tel. : +91 2356 272850 Email : info@riversideind.com Website :www.riversideind.com







| | properties before use respirator with a ful purifying respirator wit high-efficiency particula air-purifying respirator a high- efficiency Unknown Concentrat | ions or Immediately | | |
|--------------------------------------|---|---|--|--|
| | - | Dangerous to Life or Health - Any supplied-air respirator with full face piece and operated in a Pressure-demand or other positive-pressure | | |
| | - | | | |
| | | with a separate escape | | |
| | supply. Any self-contain | ned breathing apparatus | | |
| | with a full face piece. | | | |
| SECTION 10: STABILITY AND REACTIVITY | | | | |
| REACTIVITY: | | Stable at normal temperatures and pressure. | | |
| CONDITIONS TO AVOID: | | Avoid heat, flames, sparks, fire and other | | |
| | sources of ignition. Avo | | | |
| INCOMPATIBILITIES: | | incompatible materials. | | |
| OXIDIZERS (STRONG): | Fire and explosion haza | Oxidizing materials | | |
| HAZARDOUS DECOMPOSITION: | | Thermal decomposition products: cyanides, | | |
| | | oxides of carbon, nitrogen | | |
| POLYMERIZATION: | Will not polymerize. | | | |
| SECTION 11: TOXICOLOGICAL INFORMAT | ION | | | |
| MUTAGENIC DATA: | | Mutation in microorganisms - Salmonella typhimurium 3333 ug/plate (-S9) | | |
| ACUTE ORAL TOXICITY (LD50) | The product is not toxic Rat-5000 mg/kg. | The product is not toxic. LD 50 oral. Rat-5000 mg/kg. | | |
| HEALTH EFFECTS: | | | | |
| INHALATION: | ACUTE EXPOSURE: | Dusts may be irritating To the mucous membranes. | | |
| | CHRONIC EXPOSURE: | No data available | | |
| SKIN CONTACT: | ACUTE EXPOSURE: | Non irritant (tested on Rabbit) | | |
| | CHRONIC EXPOSURE: | No data available. | | |
| EYE CONTACT: | ACUTE EXPOSURE: | Non irritant (tested on Rats). | | |







| | CHRONIC EXPOSURE: | No data ava | ilable. | |
|--|-----------------------------------|-------------------------------|------------|--|
| INGESTION: | ACUTE EXPOSURE: | May result in disturbances | | |
| | CHRONIC EXPOSURE: | No data ava | ilable. | |
| SECTION 12: ECOLOGICAL INFORMATION | | | | |
| Avoid infiltration into waste water draining or | soil. | | | |
| However this product is insoluble in water and | l it is thus not possible to | give reliable i | nformation | |
| because of its insolubility. It is unlikely to be ha | armful to aquatic organis | ms. | | |
| SECTION 13: DISPOSAL CONSIDERATIONS | | | | |
| Dispose in accordance with federal, state, loca | | regulations. | | |
| Contaminated packages and containers empti | ed, but may be recycled. | | | |
| DISPOSAL OF PRODUCT: | Waste code No.55514 (| GERMANY) | | |
| DISPOSAL OF PACKING: | Waste code No.18174 (| Waste code No.18174 (GERMANY) | | |
| WASTE CLASSIFICATION: | Waste code No.55514 (| GERMANY) | | |
| SECTION 14: TRANSPORT INFORMATION | | | | |
| LAND TRANSPORT ADR/RID (cross-border) | ADR/RID class: NIL | ADR/RID class: NIL | | |
| AIR TRANSPORT ICAO-TI and IATA-DGR | ICAO/IATA class: NIL | ICAO/IATA class: NIL | | |
| MARITIME TRANSPORT IMDG: | IMDG class: NIL | IMDG class: NIL | | |
| Transport/additional information : | Not dangerous accordir | ng to the abov | /e | |
| | specifications | | | |
| SECTION 15: REGULATORY INFORMATION | | <u>k</u> . | | |
| U.S. REGULATIONS: | TSCA INVENTORY STATUS: | Y | | |
| | | | | |
| | TSCA 12(b) EXPOR NOTIFICATION: | I NOT LISTED | | |
| | CERCLA SECTION 103 | R N | | |
| | (40CFR302.4): | | | |
| | SARA SECTION 302 | 2 N | | |
| | (40CFR355.30): | | | |
| | SARA SECTION 304 | N | | |
| | (40CFR355.40): | | | |
| | SARA SECTION 313 | B N | | |
| | (40CFR372.65) | | | |
| | | AUCTE: | N | |
| | CATEGORIES, SARA | | | |
| | SECTIONS 311/312 | 2 | | |
| | (40CFR370.21): | | | |
| | | FIRE | N | |
| | | REACTIVE | N | |
| | | SUDDEN | Ν | |







| | | RELEASE | |
|--|---------------------|------------------------|--|
| | OSHA PROCESS SAFTEY | N | |
| | (29CFR1910.119): | | |
| STATE REGULATIONS: | CALIFORNIA | N | |
| | PROPOSITION 65: | | |
| EUROPEAN REGULATIONS: | EC NUMBER (EINECS): | 215-524-7 | |
| GERMAN REGULATIONS: | WATER HAZARD CLASS | 1 (Self Classification | |
| | (WGK): | by manufactures and | |
| | | Distributors) | |
| SECTION 16: OTHER INFORMATION | | | |
| The information mentioned in this data sheet is compiled from the different sources and our | | | |
| present state of knowledge thus should be taken as guideline only. | | | |
| Also It should not therefore be constructed as guaranteeing specific properties of the product | | | |
| described or their suitability for particular application. | | | |

For detailed information regarding the health and safety data also please refer to NPIRI raw material data handbook VOL.4 pigments.