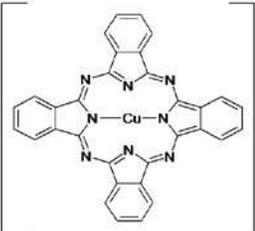


Material Safety Data Sheet

Pigment Green 7

Date:- 01.06.2025

| Section 1 - Identification of the Substance and of the Company | |
|---|---|
| 1.1 Identification of the substance | |
| Product / Substance Name | Pigment Green 7 (Polychloro copper phthalocyanine) |
| EC # | 215-524-7 |
| CAS # | 1328-53-6 |
| Trade Name | Navfast Green 9001 / Navfast Green 9055 Navfast Green 9061-B / Navfast Green 9061-Y Navfast Green SI-9055 |
| REACH Registration | 01-2119459333-39-0040 |
| Chemical Formula | C ₃₂ H _x Cl _y Cu N ₈ , x+y=16 |
| Structural Formula |  <p style="text-align: right;">Hx Cly $x + y = 16$ $0 < x < 15$ $1 < y \leq 16$</p> |
| 1.2 Use of the Substance/Mixture : | |
| Inks & Coatings, Used in ink, Coloring agent | |
| 1.3 Company/undertaking identification : | |
| Manufacturer Details: | Navpad Pigments Private Limited Survey No 2135, Village Rajpur, Ghumasan Patia Road, Chhatral-Mehsana Highway, Rajpur 382715 Gujarat, India, Website: www.navpadpigments.com |
| Only Representative Details | Pharmegic Healthcare Limited 6th Floor, Konstitucijos av. 21A, Vilnius, 08130, Lithuania |
| 1.4 Emergency Telephone | |

| | |
|--|---|
| Emergency Telephone & Contact | Contact Person : Anshul Shah Phone : + 91 7069024447 Email : sales@navpadpigments.com |
|--|---|



CIN No: U24220GJ1998PTC033736

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| Section 2 - Hazard Identification | | | | | |
|--|--|---|-----------------------|---------------------|---------|
| 2.1 Classification according to Regulation (EC) No 1272/2008 (CLP) | | | | | |
| Substance is classified as per CLP regulation. | | | | | |
| Hazard Class and Category Code(s) | | Not classified | | | |
| Hazard statement Code(s) | | Not classified | | | |
| 2.2. Labeling according to Regulation (EC) No 1272/2008 (CLP) | | | | | |
| Hazard Pictogram (Signal Word: No Signal Word) | | Not classified | | | |
| Hazard Statements | | Not classified | | | |
| Precautionary Statements | | Follow general Precautionary statements | | | |
| 2.3. Other hazards | | None | | | |
| Section 3 - Composition/Information on Ingredients | | | | | |
| Constituent | CAS No. | EC No. | Typical concentration | Concentration range | Remarks |
| polychloro copper phthalocyanine | 1328-53-6 | 215-524-7 | 99.9 % w/w | 99.4 – 99.99% w/w | None |
| Section 4 - First Aid Measures | | | | | |
| 4.1 Description of First Aid measures: | | | | | |
| Eye contact | Wash affected eyes for at least 15 minutes under running water with eyelids held open. | | | | |
| Skin Contact | Wash thoroughly with soap and water. | | | | |
| Inhalation | If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention. | | | | |
| Ingestion | Rinse mouth and then drink plenty of water. | | | | |
| 4.2. Most important symptoms and effects, both acute and delayed | | | | | |
| Not defined | | | | | |
| 4.3. Indication of any immediate medical attention and special treatment needed | | | | | |
| Treat according to the symptoms | | | | | |


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| | |
|---|--|
| Section 5 - Fire-Fighting Measures | |
| 5.1. Extinguishing media: dry extinguishing media, foam | |
| Unsuitable Extinguishing media: carbon dioxide | |
| 5.2. Special hazards arising from the substance or mixture harmful vapours Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire. | |
| 5.3. Advice for fire-fighters Wear a self-contained breathing apparatus. The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations. | |
| Section 6 - Accidental Release Measures | |
| 6.1. Personal precautions, protective equipment and emergency procedures | |
| Personal Protective Equipment | Avoid dust formation. Use personal protective clothing. |
| Skin Protection | No data available |
| Respiratory Protection | No data available |
| 6.2. Environmental precautions Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater. | |
| 6.3. Methods and material for containment and cleaning For small amounts: Pick up with suitable appliance and dispose of. For large amounts: Contain with dust binding material and dispose of. Avoid raising dust. | |
| Section 7 - Handling & Storage | |
| 7.1 Precautions for safe handling Breathing must be protected when large quantities are decanted without local exhaust ventilation. | |
| 7.2 Conditions for safe storage Keep container tightly closed and dry; store in a cool place. | |
| 7.3 Specific end use(s): As mentioned in section 1.2 | |


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| Section 8 – Exposure Controls/Personal Protection | |
|--|---|
| 8.1 Control parameters: | |
| No substance-specific limiting value being known. | |
| 8.2 Exposure Control: | |
| Engineering measures | No data Available |
| General safety and hygiene measures: | Handle in accordance with good industrial hygiene and safety practice. In order to prevent contamination while handling, closed working clothes and working gloves should be used. |
| Respiratory Protection: | Suitable respiratory protection for lower concentrations or short-term effect: Particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P2 or FFP2) |
| Hand Protection | No data Available |
| Eye protection | Safety glasses with side-shields (frame goggles) (e.g. EN 166) |
| Skin protection | No data Available |
| Section 9 – Physical & Chemical Properties: | |
| 9.1 General Information: | |
| Physical state | Solid |
| Color | Green crystalline powder |
| Odour | Odourless |
| pH(50 g/l (20oC)) | Not applicable |
| Molecular Weight | No data available |
| Boiling point/boiling range | No data available |
| Melting point | above 400°C |
| Auto ignition point | 378 °C |
| Density | 2140 kg/m ³ @ 20°C |
| Vapour pressure | No data available |
| Vapour density | No data available |
| Viscosity | No data available |
| Solubility in organic solvent octanol | 0.4 µg/L |

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| | | | | |
|---|---|------------------------------|--------------|---|
| log Po/w | - 0.4 at 23 °C | | | |
| Index of refraction | No data available | | | |
| Section 10 - Stability and Reactivity | | | | |
| Reactivity | No data available | | | |
| Chemical stability | No data available | | | |
| Possibility of hazardous reactions | The product is not a dust explosion risk as supplied; however the build-up of fine dust can lead to a risk of dust explosions | | | |
| Conditions to avoid | Avoid humidity. | | | |
| Incompatible materials | No data available | | | |
| Hazardous decomposition products | No hazardous decomposition products if stored and handled as prescribed/indicated. | | | |
| Section 11 - Toxicological Information | | | | |
| 11.1 Information on toxicological effects: | | | | |
| Substance | Organism | Test type | Route | Reported dose |
| Polychloro copper phthalocyanine | Rat (Sprague-Dawley) | Acute Oral toxicity | oral: gavage | LD50:For male and female animals were > 6400 mg/kg bw |
| | Mouse NMRI | acute toxicity: other routes | Dermal | LD50:For male and female > 2000 mg/kg bw |
| 11.2 Irritation Corrosion | | | | |
| Skin: not irritating | | | | |
| Eye: not irritating | | | | |
| 11.3 Sensitization | | | | |
| Not sensitizing to skin | | | | |
| 11.4 CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction) | | | | |
| Carcinogenicity | Not found as carcinogen | | | |
| Mutagenic effects | Not found as mutagen | | | |
| Reprotoxic effects | Not found as reprotoxic | | | |
| 11.5 Other toxic effects on humans: | | | | |
| Inhalation | No data available | | | |
| Dermal | No data available | | | |


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| | |
|---|-------------------|
| Acute oral toxicity | No data available |
| 11.6 NIOSH Immediately Dangerous To Life or Health Concentration (IDLH): | |
| No information available | |
| 11.7 Specific target organ toxicity | |
| Single exposure | No data available |
| Repeated exposure | No data available |
| Section 12 - Ecological Information | |
| 12.1 Ecotoxicity: | |
| Not Applicable | |
| 12.2 Persistence and degradability: | |
| The substance is not PBT / vPvB | |
| 12.3 Bioaccumulative potential: | |
| The substance is not B / vB | |
| 12.4 Mobility in soil: | |
| No information available | |
| 12.5 Results of PBT and vPvB assessment | |
| The substance is not PBT / vPvB | |
| 12.6 Other adverse effects: not available | |
| Section 13 - Disposal Considerations | |
| Must be dumped or incinerated in accordance with local regulations. | |
| Contaminated packaging: Uncontaminated packaging can be re-used. Packs that cannot be cleaned should be disposed of in the same manner as the contents. | |
| Section 14: Transport Information | |
| Not classified | |
| Section 15 - Regulatory Information | |
| 15.1 Other regulatory information: | |
| This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006. | |

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Safety, health and environmental regulations/legislation specific for the substance or mixture

Control of Substances Hazardous to Health Regulations (COSHH) 2002 SI 2002/2677 and COSHH Essentials: Easy steps to control chemicals - Control of Substances Hazardous to Health Regulations HSG193.

Inventory Status

Listed in: Australia (AICS) Canada (DSL/NDSL) China (IECSC) European Union (EINECS/ELINCS) South Korea (KECI) Philippines (PICCS) New Zealand Inventory (NZIoC)

| | | | | | | | | | |
|---|---|--|---------------------------------|--|----------|-------------------|----------|----------------------------|----------|
| <p>HMIS (Hazardous Materials Identification system) classification</p> | <table border="1"> <tr> <td>Health</td> <td>2</td> </tr> <tr> <td>Fire</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> <tr> <td>Personal Protection</td> <td>E</td> </tr> </table> | Health | 2 | Fire | 0 | Reactivity | 0 | Personal Protection | E |
| | Health | 2 | | | | | | | |
| Fire | 0 | | | | | | | | |
| Reactivity | 0 | | | | | | | | |
| Personal Protection | E | | | | | | | | |
| | <table border="1"> <tr> <td>2=Temporary or minor injury may occur.</td> </tr> <tr> <td>0=Materials that will not burn.</td> </tr> <tr> <td>0=Normally stable, even under fire exposure conditions, and is not reactive with water</td> </tr> </table> <div style="display: flex; justify-content: center; align-items: center; gap: 10px;"> <div style="text-align: center;">  Safety Glasses </div> <div>+</div> <div style="text-align: center;">  Gloves </div> <div>+</div> <div style="text-align: center;">  Dust Respirator </div> </div> <p>E=</p> | 2=Temporary or minor injury may occur. | 0=Materials that will not burn. | 0=Normally stable, even under fire exposure conditions, and is not reactive with water | | | | | |
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| | | | | | | | |
|--|---|---|--|-------------|----------|-------------------|----------|
| NFPA (National Fire Protection Association) | <table border="1"> <tr> <td>Health</td> <td>2</td> </tr> <tr> <td>Fire</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table> | Health | 2 | Fire | 0 | Reactivity | 0 |
| | Health | 2 | | | | | |
| | Fire | 0 | | | | | |
| | Reactivity | 0 | | | | | |
| <table border="1"> <tr> <td>2= Intense or continued but not chronic exposure could cause temporary incapacitation or possible residual injury.</td> </tr> <tr> <td>0= Materials that will not burn under typical fire conditions</td> </tr> <tr> <td>0=Normally stable, even under fire exposure conditions, and is not reactive with water</td> </tr> </table> | 2= Intense or continued but not chronic exposure could cause temporary incapacitation or possible residual injury. | 0= Materials that will not burn under typical fire conditions | 0=Normally stable, even under fire exposure conditions, and is not reactive with water | | | | |
| 2= Intense or continued but not chronic exposure could cause temporary incapacitation or possible residual injury. | | | | | | | |
| 0= Materials that will not burn under typical fire conditions | | | | | | | |
| 0=Normally stable, even under fire exposure conditions, and is not reactive with water | | | | | | | |
| 15.2 Chemical Safety Assessment: | | | | | | | |
| A chemical safety assessment has been carried out for the substance or the mixture by the supplier (LR) - Yes | | | | | | | |
| Section 16 – Other Information | | | | | | | |
| The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, Storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information related only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. | | | | | | | |
| 16.1 Technical Advice: | | | | | | | |


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| |
|---|
| Use data given in this Safety Data Sheet and make an inventory list of all chemicals used in the factory |
| Create a Register for Workplace Chemicals; |
| Set priorities concerning the safety in the organization |
| Create emergency plans for the assessed hazards; |
| Organize occupational health care and regular surveys as necessary; |
| Organize contacts with authorities/laboratories to create a monitoring system for chemical hazards, and to reliably measure and/or estimate occupational exposures to chemicals when needed; |
| Start collecting case studies of accidents and sickness records in the enterprise to create a basis for priority measures in the control of hazards; |
| Involve workers in safety organizations, such as the system of Safety Representatives and Committees. |
| Do regular inspection using checklists made for the particular chemicals and chemical processes in use; |
| Mark and label all chemicals; |
| Keep at hand an inventory list of all chemicals handled in the place of work together with a collection of Chemical Safety Data Sheets for these chemicals; |
| Train workers to read and understand the Chemical Safety Information, including the health hazards and routes of exposure; train them to handle dangerous chemicals and processes with respect; |
| Plan, develop and choose the safe working procedures; |
| Reduce the number of people coming into contact with dangerous chemicals; |
| Reduce the length of time and/or frequency of exposure of workers to dangerous chemicals; |
| Train workers to know and understand the emergency procedures; |
| Equip and train workers to use personal protective equipment properly after everything possible has been done to eliminate hazards by means of other methods; |
| 16.2 List of relevant R-phrases Not Classified |

Created By: Navpad Pigments Private Limited



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