

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF PRODUCT

TRADE NAME	- NAVFAST PINK E AS-6090 / NAVFAST PINK E SI-6081 / NAVFAST PINK E PL-6045
GENERIC NAME	- C.I. Pigment Red 122
CHEMICAL DESCRIPTION	- Quinacidrone Red Pigment
CONSTITUTION NUMBER	- 73915
CAS NUMBER	- 980-26-7
CHEMICAL FAMILY	- Quinacidrone
CHEMICAL TYPE	- Organic
MOLECULAR FORMULA	- C ₂₂ H ₁₆ N ₂ O ₂

2. COMPOSITION / DATA ON COMPONENTS

SUBSTANCE	CAS NO.
SUBSTANCE CAS NUMBER	980-26-7

3. HAZARDS IDENTIFICATION

This product is a non-volatile solid and practically insoluble in water. Not considered being flammable or explosive. However, dusty conditions increase the risk of a dust explosion hazard. When involved in a fire or exposed to high temperature for an extended period of time, it may burn evolving noxious fumes, which may include oxides of carbon and nitrogen, hydrogen chloride as well as other toxic gases and vapours. Compounds similar to C. I. Pigment Red 122 have a low order of toxicity, greater than 5,000 mg/kg in acute oral toxicity studies in rats (LD 50). They are neither irritating to the eyes nor to the skin.

4. FIRST AID MEASURES

Inhalation	:	Remove to fresh air. If breathing becomes difficult or stops, give artificial respiration
Ingestion	:	Do not give anything by mouth to an unconscious person. Do not induce vomiting
Skin Contact	:	Wash with soap and water.
Eye Contact	:	Wash affected eyes for at least 15 minutes under running water.

PIGMENT RED 122



CIN No: U24220GJ1998PTC033736

NAV PAD PIGMENTS PVT. LTD.

A Govt. Of India Recognized Star Export House

Regd. Office & Factory: 1196/1/A & B, Ghumasan Patia Road, Chhatral - Mehsana Highway, Rajpur - 382715, Gujarat, India

T: +91-982-503-1388 / +91-2764-278338

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5. FIRE FIGHTING MEASURES

Extinguishing Media	:	Carbon dioxide, dry chemical or foam recommended. Apply water spray to cool exposed closed containers.
Firefighting equipment	:	Use self-contained breathing apparatus.
Fire and explosion hazard	:	Fire or excessive heat may produce hazardous decomposition Products.
General Hazard	:	Improper handling of any finely divided organic pigment powder may entail dust cloud formation with consequent explosion hazard
Flammability Data	:	Flash Point – Non flammable material

6. ACCIDENTAL RELEASE MEASURES

Spillage: Dampen the material without creating a dust. Sweep or vacuum and place in suitable containers for disposal. Air borne organic pigment dust may be an explosion hazard. Secure possible sources of ignition and avoid dusting.

7. HANDLING AND STORAGE

Handling: Handle with care and avoid employee exposure with appropriate control measures and good industrial hygiene practices. Wash hands and face thoroughly after handling and before eating, drinking or using tobacco products.

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place away from direct sources of heat.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering controls: The use of local exhaust ventilation is recommended. Take appropriate precautions including a property grounded dust collection system.

Personal protection: Use protective gloves as a standard industrial handling procedure. Wear impervious clothing when gross contact is likely.

Respiratory protection: Wear National Institute of Occupational Safety and Health (NIOSH) approved dust respirator for potentially dusty handling operations.

Eye protection: Use safety glasses or goggles to protect against dust particles.

Exposure limits: OSHA PEL's and American Conference of Governmental Industrial Hygienists (ACGIH) TLV's are not established. The recommended permissible Exposure Limit (PEL) for nuisance dust (29 CFR 1910,1000) is 15 mg/m³ (total dust) and 5 mg/m³ (reparable dust). The recommended Threshold Limit Value (TLV) for nuisance dust is 10 mg/m³.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Powder
Color	:	Red
Odor	:	Odorless
PH Value	:	6.5 – 8.5
Flash Point	:	Not applicable
Flammability	:	Non-flammable
Ignition temperature	:	Not applicable
Danger of Explosion	:	Product is not explosive. Dust can form an explosive mixture with air
Specific Gravity	:	1.67 g/cm ³
Solubility in water	:	Insoluble
Vapour Pressure	:	Not applicable
Octane/Water partition	:	
Coefficient (Long Pow)	:	Not determined

10. STABILITY AND REACTIVITY

General: This product is a stable compound. Shelf life is unlimited (if properly stored).

Incompatibility: Nothing in particular. Avoid strong oxidizing agents like peroxides, chlorates, perchlorates, nitrates and permanganates.

Hazardous decomposition or byproducts: None, provided product is correctly processed. However, burning may evolve oxides of carbon and nitrogen and hydrogen chloride as well as other noxious gases, which are toxic and must be removed from the flue gas by appropriate means.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

LD/Oral / Rats: > 5000 mg/kg (on toxic) as defined by FHSA 16 CFR 1500.3, not hazardous as defined by OSHA 29 CFR 1916.25.

Carcinogenicity: This product does not contain ingredients listed as carcinogens by National Toxicology Program (NTP), International Agency for Research on Cancer (IARC) or Occupational Safety and Health Act (OSHA)

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12. ECOLOGICAL INFORMATION

Behavior and environmental fate: Being chemically inert and practically insoluble in water, organic pigments are not environmentally hazardous. They may be virtually removed from waste water mechanically in suitable effluent treatment plants.

Toxicity to fish LC50: Due to their negligible solubility, organic pigments are non-toxic to fish, at least there is no evidence to the contrary.

Biological degradation: They have minimal bioaccumulation and bioavailability characteristics. Therefore, they are neither biodegradable nor retained in soil or water.

13. DISPOSAL CONSIDERATIONS

General: Dispose (dump or incinerate) in accordance with applicable Federal State and local regulations.

Waste management: Contact the state or local environmental agency for specific rules. This product is not identified as a Resource conservation and Recovery Act (RCRA) hazardous waste (40 CFR 261.24) and is not regulated under CERCLA (Superfund).

14. TRANSPORT INFORMATION

Land transport ADR/RID (cross-border)

ADR/RID class: Not Restricted

Maritime transport IMDG:

IMDG class: Not Restricted

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA class: Not Restricted

The product does not constitute a hazardous substance in national/international road, rail, sea and air transport

Custom tariff no.: 320417 39

15. REGULATIONS

Classification, packaging and labeling: Not classified as dangerous for supply or conveyance under regulations - amended EEC directives 67/548, 77/728, 88/379 and 91/155. This product is in compliance with CONEG Model legislation for packaging and packing ink components.

Heavy metal content: Organic pigments do not contain any lead, cadmium, chromium (VI), mercury compounds, etc in their formulations. However, each grade of pigment contains heavy metals in limits

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permissible in different countries. For details, please contact us and/or refer to our product Technical Data Sheet. Generally not hazardous for water. Assessment by list.

Primary Aromatics amines: Organic pigments do not contain carcinogenic amine compounds that can be released during metabolism.

EINECS No.: 213-561-3

16. OTHER INFORMATION

These data are based on our present knowledge, & are intended to describe the product with regard to the safety requirements. The data shall not constitute a guarantee of a particular or general specification nor shall it establish a legally valid contractual relationship. It will be a sole responsibility of the user of the product to ensure the suitability of the product intended for the purpose & method of use. We take no responsibility for any harm caused by the use of these data.

PREPARED BY : TECHNICAL SERVICE DEPARTMENT, NAVPAD PIGMENTS PVT.LTD.

PLACE : RAJPUR

LAST REVIEW DATE : 1ST NOVEMBER, 2020.

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