

Safety Data Sheet

(Commission regulation (EU) 2020/878 of 18 June
2020 amending Annex II to regulation (EC) No 1907/2006)

SECTION 1: Identification of the substance and of the company

1.1 Product identifier:

Product Code: NC (transparent / opaque)
Color Index Name: Pigment Orange 5
Chemical Family: DNA Orange Pigment
Product Description: ORGANIC PIGMENT
Trade Name : Navfast Orange 9037

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses : Used for Paints and Printing Inks.
Uses advised against : Do not use for injecting or spraying.

1.3 Details of the supplier of the safety data sheet:

Manufacturer : Navpad Pigments Private Limited
1196/1/A&B, Ghumasan Patia Road,
Chhatral Mehsana Highway, Rajpur
Pincode 382715, Gujarat, India

Phone for Contact : + 91 7069024447
Email : sales@navpadpigments.com
Emergency phone number (24hr) : + 91 9898570095

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture:

Not a Hazardous Substance or Mixture as per Regulation (EC) No 1272/2008

2.2 Label Elements :

Labeling according to Regulation (EC) No 1272/2008 [CLP/GHS]

Product identifier: Pigment Orange 5 (PO5)

Hazard pictograms None



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A Govt. Of India Recognized Star Export House

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Precautionary statements:

P210	Keep away from heat/sparks/open flames/hot surfaces. No Smoking.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P309 +P310	If exposed or if you feel unwell: Immediately call a POISON CENTER or doctor/physician.
P301+P330	If SWALLOWED: Rinse mouth.
P303+P361+P353	IF ON SKIN (or hair): Remove/Takeoff immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

2.3 Other hazards None

SECTION 3. Composition/information on ingredients
3.1 Substances

Substance name:	Pigment Orange 5
INDEX No:	12075
EC No:	222-429-4
REACH Registration No:	Not Registered
CAS No:	3468-63-1
Purity:	100%
Synonyms:	Hansa Red GG
Stabilisers:	None
Hazard impurities:	None

SECTION 4: First aid measures
4.1 Description of first aid measures**General information:**

Following Inhalation:	Remove to Fresh Air. Call Physician
Following Skin contact:	Wash with Mild Soap and Water
Following Eye contact:	Flush the eyes with generous amount of water for at least 15 mins and call the physician if the irritation persists.

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Following Ingestion: If conscious, give large quantities of water to induce vomiting.
Get Medical Attention.

SECTION 5: Fire fighting measures

- 5.1 Extinguishing media:** Sand or Carbon Dioxide extinguisher
- 5.2 Special hazards arising from the substance:** None
- 5.3 Advice for fire-fighters:** Fire Fighters should use self contained breathing Apparatus

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Safety Glasses with side shields or goggles are recommended. Imperious clothing should be worn when gross contact is likely such as cleaning up large spills. Respiratory protection is generally not required. Wash at the end of each work shift. Any contaminated clothing should be removed and washed.

For emergency responders

The use of local exhaust ventilation is recommended to control emission near the source. Additional engineering controls should be used if necessary.

6.2 Environmental precautions:

There is no ACGIH TLV or OSHA OL's established for this product.

6.3 Methods and material for containment and cleaning up

For containment

Contain spill immediately. Inert materials such as dry sand or saw dust may be used to help absorb any spilled material. Scoop or shovel into appropriate containers for disposal purpose.

For cleaning up:

Soap and water may be used as necessary. Wear protective clothing to prevent exposure.



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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Good industrial hygiene practice requires that employee exposure be maintained below the recommended TLV. This preferable achieved through the provision of adequate ventilation where necessary. Where dust cannot be controlled in this way, personal respiratory protection should be employed.

7.2 Conditions for safe storage, including any incompatibilities

Store in dry area at ambience temperature.

7.3 Specific end uses:

Water base and solvent base Printing Inks and Paints.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

8.1.1 Occupational Exposure Limits:

There is no ACGIH TLV or OSHA OEL's established for this product.

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

The use of local exhaust ventilation is recommended to control emission near the source. Additional engineering controls should be used if necessary.

8.2.2 Personal protective equipment:

Safety Glasses with side shields or goggles are recommended. Imperious clothing should be worn when gross contact is likely such as cleaning up large spills. Respiratory protection is generally not required. Wash at the end of each work shift. Any contaminated clothing should be removed and washed

8.2.3 Environmental exposure controls:

There is no ACGIH TLV or OSHA OEL's established for this product.



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SECTION 9: Physical and chemical properties
9.1 Information on basic physical and chemical properties**Appearance**

Physical State	: Bright Orange powder
Odor	: No odor
Solubility in water	: Insoluble
Specific Gravity	: 1.50 gm/cc
Percent volatile by weight	: Maximum 1.0%
pH Information	: 6.0 – 7.0

9.2 Other information:**Physical hazards:**

Data for any of these hazard classes is not available

SECTION 10: Stability and reactivity
10.1 Reactivity

Product is stable and hazardous polymerization will not occur

10.2 Chemical stability

Product is stable and hazardous polymerization will not occur

10.3 Possibility of hazardous reactions

Product is stable and hazardous polymerization will not occur

10.4 Incompatible materials:

The product is incompatible to hydrazine, calcium hypochlorite, performic acid and pentafluoride.

10.5 Hazardous decomposition products:

When involved in fire, burning pigment products may evolve noxious gases which are toxic. These compounds may include carbon monoxide, carbon dioxide, nitrous oxide pending upon the type of pigment.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Based on the industry wide experience over many years of manufacturing, Organic pigments are considered to be non-toxic.

Threshold Limit Value

Inert or nuisance dust (ACGIH), 0 mg/M3 Respirable
(ACGIH), 0 MG/M3 Total Dust
(OSHA), 0 MG/M3 Total Dust

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

This product is not considered to have any CMR effects

Carcinogenicity

OARC, NTP, ACGIH or OSHA does not consider this product as Carcinogenic.

SECTION 12: Ecological information

12.1 Toxicity:

This product has not been evaluated for its eco-toxicity.

12.2 Persistence and degradability

Based upon degradation studies of similarly formulated products, it can be concluded that the ingredients are almost degradable.

12.3 Bioaccumulative potential

Since pigments are generally insoluble compounds, they are believed to have minimal bioaccumulative potential.

12.4 Mobility in soil

The biodegradation of colorants under aerobic conditions is expected to be limited and there is no evidence to suggest that they create significant ecological problems when released in the soil.



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SECTION 13: Disposal considerations
13.1 Waste treatment methods
Product Disposal:

This product must be disposed in accordance with all applicable federal state and local regulation.

Waste treatment options:

Incineration or land filling is recommended waste disposal techniques. Contact your state or local agency for the specific rules. This product is not identified as a RCRA hazardous waste water under 40 CFR 261 and is not regulated under CERCLA (superfund)

SECTION 14: Transport information

D.O.T Shipping Name (49 CFR 172.101-102)	: Not regulated
D.O.T Hazard Class (49 CER 172.101-102)	: None
D.O.T label	: None
D.O.T Placard	: None
Bill of Lading Description	: Pigments
CERCLA Substance (49 CFR)	: Not regulated
Reportable Quantity	: None
<u>International</u>	
UN/UA Number	: Not regulated or classified
IATA Classification	: Not regulated or classified

SECTION 15: Regulatory information
15.1 Safety, health and environmental regulations/legislation specific for the substance
OSHA's Hazard Communication Standard Status.

This product is not considered to be Hazardous under OSHA's Federal Hazardous communication standard 29 CFR 1910.2100

Toxic Substance Control Act Status

All the ingredients of this substance has been reported to the US EPA and are included in the TSCA inventory.


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CERCLA Reportable Quantity (RQ)

None

SERA Title III

Section 302 (EHS) : None
Section 311/312 (Acute) : None
Section 313 : Call for details

RCRA

Not regulated as hazardous waste under RCRA

Canadian WHMIS

This material is not considered to be controlled product under WHMIS

CONEG Status

This product is certified to be in full compliance with CONEG model legislation for packing.

SECTION 16: Other information

16.1 Indication of changes

Safety Data Sheet according to Regulation (EC) No 1907/2006 (REACH)

16.2 Abbreviations and acronyms:

None

16.3 Further information:

Created By: Navpad Pigments Private Limited, Technical Service Department.

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