



Material Safety Data Sheet

1. Chemical Product & Company Identification

Trade Name : Navfast Red 9042
 Company : Navpad Pigments Private Limited.
 Survey No: 2135 (Old Survey No. 1196), Village Rajpur,
 Chhatral-Mehsana Highway, Ta. Kadi, Dist. Mehsana
 382715, Gujarat, India
 Telephone No. : + 91 70 690 24447
 Email : sales@navpadpigments.com

2. Hazards Identification

This product does not contain ingredient harmful for human health and environment according to directive 2004/73/EC and does not contain ingredient occurring exposure limits on the working place.

3. Composition / Information on Ingredients

Chemical Name or Generic : Pigment Red 4
 CI No. : 12085
 CAS No. : 2814-77-9
 Chemical Class : β -Naphthol
 Use of Substance : Colouring component for Inks & Coatings
 Composition : Disazotized 2 Nitro p-toluidine coupled with 2 naphthol.
 Hazardous ingredients : None for substances with exposure limits see ch. 8

4. First Aid Measures

After inhalation	Upon inhalation of aerosol/vapor/dust, take the patient into the fresh air. If there is difficulty in breathing medical advice is required
After contact with skin	Immediately remove contaminated clothing and shoes. Wash the affected area with plenty of soap and water until no evidence of the chemical remains (at least 15-20 minutes). Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice.
After contact with eyes	Contamination of the eyes must be treated by thorough irrigation with water, with the eyelids held open. Eventually a doctor (or eye specialist) should be consulted.
After ingestion	If the product is swallowed, the patient must at once drink water repeatedly, if the patient feels unwell, seek medical advice

PIGMENT RED 4



NAVAPAD 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

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5. Fire Fighting Measures

Extinguishing Media	:	Water mist, foam, extinguishing dry chemical recommended. Full water jet and CO2 must not be used.
Special Hazards	:	As pigment is nonflammable there is no special fire hazard.
Protective Equipment	:	Use self-contained breathing devices To employ extinguishing techniques that do not create dusts or are otherwise, appropriate to the fire conditions
Exposure Hazards	:	Contaminated firefighting water must not be discharged into the drainage system

6. Accidental Release Measures

Personal Precautions	:	Use suitable hand gloves; avoid making dust; avoid contacting with skin and eyes by wearing an approved dust mask
Personal Precautions	:	Wash thoroughly after contact with pigments
Environmental Precautions	:	Do not allow to enter drains/surface water/ground-water.
Method of cleaning up	:	Collect mechanically Dispose of contaminated material as waste according to item 13 Avoid dust explosion by eliminating dust formation & electrical charging Spread absorbent material; collect into suitable container for disposal. Waste disposal methods should comply with methods set forth by local/state/federal authorities

7. Handling & Storage

Handling	:	Avoid: Generation of dust.
Storage	:	Keep the packing dry and well-sealed to prevent contamination and absorption of humidity. Precautions against fire and keep away from: Heating. Keep away from sources of ignition explosion: No smoking.

8. Exposure Controls / Personal Protection

General protective measures	Take off immediately all contaminated clothing Avoid contact with eyes and skin. Avoid inhaling aerosols and vapors
Hygiene measures	Keep away from food and drink stuffs Do not eat, drink or smoke at work Wash hands before breaks and at end of work and use skin-protecting ointment
Hand protection	Wear gloves while in direct contact.
Eye protection	Wear safety glasses while handling material.
Skin and body protection	Use good laboratory/workplace procedures including personal protective clothing: lab coat, safety glasses and protective gloves

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9. Physical & Chemical Properties

Form	:	Powder
Color	:	Reddish
Odor	:	Odorless
PH Value	:	6-9
Melting point / Melting range	:	Not applicable
Boiling point / Boiling range	:	Not applicable
Flash point	:	> 100 deg C
Flammability	:	Non-flammable
Ignition temperature	:	Not applicable
Danger of explosion	:	Product is not explosive. Dust can form an explosive Mixture with air
Density	:	(0.20 – 0.35) gms/cc
Solubility in water	:	Insoluble
Vapour Pressure	:	Not applicable
Octanol/Water partition	:	
Coefficient (Log Pow)	:	Not determined

10. Stability & Reactivity

Stability	:	This product is stable under normal storage conditions
Hazardous reaction	:	Risk of dust explosion, No dangerous reactions known
Hazardous decomposition products	:	No dangerous decomposition products are known if handled & stored appropriately
Conditions to avoid	:	Temperature exceeding thermal stability High concentration of powders, Electrostatic charges
Material to avoid	:	Very strong oxidizing and reducing agents

11. Toxicological Information

Acute oral toxicity	:	LD50 > 5000 mg/kg (Oral rat)
Acute dermal toxicity	:	LD50: >2000 mg/kg, species: Rat
Skin irritation	:	Non irritant (rabbit)
Eye irritation	:	Non irritant (rabbit)
Sensitization	:	No sensitization effect known
Additional information	:	The product has not been tested. The statement on toxicology Is based on the product in the market with the same chemistry

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CIN No: U24220GJ1998PTC033736

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12. Ecological Information

Other adverse effects

Handled in such a way that it will not contaminate the environment

Insoluble in water. Based on data from similar products it is not expected to pose a hazard to the environment.

13. Disposal Consideration

Product: Material is not considered as dangerous however it should be taken to a suitable & authorized waste disposal site in accordance with relevant regulations. In general, the product is dusty, and as long as it has not been adequately wetted, it should be packed in well-closed containers for removal.

Empty un-cleaned packaging: To be disposed off as product waste

14. Transport Information

This Product is not classified as dangerous under the relevant EU directive and Department of Transportation (DOT) regulations. Thus, it is not hazardous under transport regulations

Not classified as dangerous according to ADR/RID/IATA/IMDG

Custom tariff no.: 320417 39

15. Regulatory Information

Classification according to Directive 2004/73/EC

Contains : Not applicable

Symbols : Not applicable

R-Risk Phrases: Not applicable

S-Security Phrases: Not applicable

Water hazard class: Not hazardous – class 0 (self-assessment)

National regulation and specific classification according to Directive 76/769/EC: None

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.

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