



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name : **NAVFAST YELLOW 9034 / NAVFAST YELLOW 9035**
 Company : NAVPAD PIGMENTS PVT. LTD.
 Plot No. 1196/1/A & B, Village Rajpur,
 Chhatral - Mehsana Highway, Rajpur - 382715, Gujarat, India
 Telephone No. : + 91 2764 278338

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name or Generic : Pigment Yellow 83
 CI No. : 21108
 CAS No. : 5567-15-7
 EINECS No. : 226-939-8
 Chemical Class : Diarylide
 Use of Substance : Colouring component for Inks.

3. HAZARDS IDENTIFICATION

This product does not require labeling in sense of the preparation guideline 1999/45/EC.

4. COMPOSITION / INFORMATION ON INGREDIENTS

Composition : Tetrazotized 3,3-dichlorobenzidine coupled with 4-chloro-2,5-dimethoxyacetoacetanilide.
 Hazardous ingredients : None for substances with exposure limits see ch. 8

5. FIRST AID MEASURES

Ingestion : Rinse mouth thoroughly with water. Consult physician.
 Skin Contact : Wash immediately with soap and water.
 Eye Contact : Rinse immediately thoroughly with plenty of water and consult an Ophthalmologist
 Inhalation : Provide fresh Air. Consult physician if problems arise.

PIGMENT YELLOW 83



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

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6. 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 |

7. 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 |

8. HANDLING AND 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. |

9. EXPOSURE CONTROLS / PERSONAL PROTECTION

| | | |
|------------------------|---|---|
| Respiratory protection | : | Filtering mask P. |
| Hand protection | : | Use impervious/antistatic/PVC/PE gloves |
| Eye protection | : | Eye glasses with side protection type 4 (EN 166). |
| Protective clothing | : | Working clothes protecting the whole body. |

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10. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---|---|---|
| Form | : | Powder |
| Color | : | Bright Reddish Yellow |
| Odor | : | Odorless |
| PH Value | : | 4.4 – 6.9 |
| Melting point/ Melting range | : | 380 - 420 °C |
| 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 |
| Density | : | 0.25 – 0.40 gm/ml |
| Solubility in water | : | Insoluble |
| Vapour Pressure | : | Not applicable |
| Octanol/Water partition Coefficient (Log Pow) | : | Not determined |

11. STABILITY AND 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 |

12. TOXICOLOGICAL INFORMATION

| | | |
|---------------------|---|--|
| Acute oral toxicity | : | LD ₅₀ > 5000 mg/kg (Oral rat) |
| Skin irritation | : | Non irritant (rabbit) |
| Eye irritation | : | Non irritant (rabbit) |
| Sensitization | : | No sensitization effect known |
| Remark | : | The information in this section are derived from sources considered reliable & products of similar composition |

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13. 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.

14. DISPOSAL CONSIDERATIONS

Product: Material is not considered as dangerous however it should be taken to a suitable & authorised 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 dispose off as product waste

15. TRANSPORT INFORMATION

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

Custom tariff no.: 320417 19

16. REGULATORY INFORMATION

Labeling : The products has not be labeled according to guideline 67/548/EEC & (EC) No 1272/2008 (CLP)

Designation according to EC guidelines: Not Require

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

EINECS No.: 226-939-8

17. 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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