



## Safety Data Sheet)

(SDS prepared in accordance with EC 1907/2006 as amended)

Revision Number: 06

Revision Date: 01-June-2025

### Pigment Yellow 168

#### 1. Identification of the substance / preparation and company / understanding

##### Product identifier

Product Name : Pigment Yellow 168  
 Color Index Name : C. I. Pigment Yellow 168 (C.I. 13960)  
 Product CAS No. : 71832-85-4  
 EINECS No : 276-057-2

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

**Industrial Sector** : Industrial performance chemicals, Paints, Lacquers, Polymers industry, Printing and packaging, Plastic and coating industry  
**Type of Use** : Coloring Component

#### Details of the supplier of the safety data sheet

Company Name : Navpad Pigments Private Limited  
 Address : Survey No : 2135 (Old Survey No. 1196), Village Rajpur, Chhatral-Mehsana Highway, Ta. Kadi, Dist. Mehsana - 382715, Gujarat, India  
 Contact/Emergency Phone : + 91 7069024447  
 Email : sales@navpadpigments.com  
 Emergency phone number (24 hours) : + 91 9898570095

#### 2. Hazard Identification

##### Classification of the substance or mixture

Classification according to the regulation (EC) No. 1272/2008 (CLP regulation)

Not Classified

##### Label elements

According to Regulation (EC) No. 1272/2008 [CLP]

The product does not require a hazard warning label in accordance with GHS criteria

##### Other hazards

None.

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### 3. Composition / Information on ingredients

#### 3.1. Substances

Substance name	Product identifier	Concentration (%)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
	CAS No.		
Pigment Yellow 168	71832-85-4	100%	Not Classified

**Components Remarks** : No hazardous ingredients

### 4. First Aid Measures

#### Description of first aid measures

##### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

##### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

Consult a physician.

##### In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

##### In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

##### If swallowed

If swallowed, do not induce vomiting, seek medical advice.

##### Most important symptoms and effects, both acute and delayed

Symptoms: No symptoms known currently

Risks: No hazards known at this time.

##### Indication of any immediate medical attention and special treatment needed

Treatment: Treat symptomatically.

### 5. Fire Fighting Measures

#### Extinguishing media

Suitable Extinguishing Media: Use Foam

#### Unsuitable Extinguishing Media

High volume water jet, Carbon dioxide (CO<sub>2</sub>), Dry Powder

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#### Special hazards arising from the substance or mixture

Hazard during fire-fighting: Harmful decomposition products formed under fire conditions, Carbon monoxide, Carbon dioxide, Nitrogen oxides (NOx)

#### Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

#### 6. Accidental Release Measures

##### Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation.

Avoid breathing vapors, mist or gas and avoid smoking, stop running engines.

Ensure adequate ventilation.

Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

##### Environmental precautions

Prevent further leakage or spillage if safe to do so.

Do not let product enter drains, water courses or the soil.

Discharge into the environment must be avoided.

##### Methods and material for containment and cleaning up

##### Avoid dust formation. Use mechanical handling equipment.

Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Treat recovered material as described in the section, "Disposal considerations."

##### Reference to other sections

Information regarding Safe handling, see chapter 7. For disposal considerations see section 13.

#### 7. Handling & Storage

##### Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Avoid exposure - obtain special instructions before use.

Provide appropriate exhaust ventilation at places where dust is formed.

##### Conditions for safe storage, including any incompatibilities

Keep only in original container. Keep the container tightly closed. Keep the container dry.

Keep away from the food and drink.

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### Advice on protection against fire and explosion

Take precautionary measure against static discharges. Keep away from heat and sources of ignition.  
Dust can form an explosive mixture in air.

**Specific end use(s)** For professional / industrial use only.

### 8. Exposure controls / Personal Protection

#### Control parameters

Occupational Exposure limit values: 10 mg/m<sup>3</sup> Dust (General, Inhalable).

Contains no substances with biological limit values.

#### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice.

Wash hands before breaks and at the end of workday.

#### Individual protection measures, such as personal protective equipment (PPE)

##### Eye/face protection

Safety glasses with side-shields conforming to EN166.

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### Skin protection

Wear impervious clothing.

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with nitrile rubber gloves.

Gloves must be inspected prior to use. Use proper glove removal technique

(Without touching glove's outer surface) to avoid skin contact with this product.

Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

##### Respiratory protection

Wear dust mask when handling large quantities.

##### Protective measures

Wear suitable protective equipment.



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## 9. Physical & Chemical Properties

### Information on basic physical and chemical properties

Physical state	:	Dry Powder
Appearance	:	Yellow colour powder
Colour	:	Yellow colour pigment
Odour	:	Not specified
Odour threshold	:	Cannot be determined
pH	:	5.5-8.5
Melting point	:	Decomposes before melting (Method: DTA)
Boiling point	:	Not applicable
Flash point	:	Not applicable
Relative evaporation rate	:	Not applicable
Flammability (solid, gas)	:	The product is not flammable (Remarks: Combustibility Test)
Vapour pressure	:	Not applicable
Relative vapour density	:	Not tested
at 20 °C		
Explosive properties	:	Not applicable
Oxidizing properties	:	The substance or mixture is not classified as oxidizing.
Water Solubility	:	Insoluble in Water
Explosive properties	:	Not applicable
Oxidizing properties	:	The substance or mixture is not classified as oxidizing.
Relative evaporation rate :		Not applicable
(butylacetate=1)		
Density	:	1.696 g/cm <sup>3</sup> ( 20°C)

### Other information

Surface Tension	:	Based on chemical structure, no surface activity is expected.
Molecular Weight	:	919.69g/mol
Dust Explosion class	:	ST1 (capable of dust explosion)

## 10. Stability & Reactivity

### Reactivity

Please see section 10.3 "Possibility of hazardous reactions"

### Chemical stability

Stable under recommended storage conditions.

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## 12. Ecological Information

### Toxicity

#### Aquatic toxicity

Toxicity to fish: No toxicity at the limit of solubility

Toxicity to daphnia and other aquatic invertebrates: No data available

Toxicity to algae: No data available

Toxicity to microorganisms: No data available

### Persistence and degradability

**Physico-chemical removability** Remarks: Not readily biodegradable.

### Bioaccumulative potential

#### Bioaccumulation

Remarks: Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected.

### Mobility in soil

#### Distribution among environmental compartments:

Adsorption

Medium: water – soil

Remarks: Not expected to adsorb on soil.

#### Other adverse effects

No Known significant effects or critical hazards.

#### Environmental effects

No known significant effects or critical hazards.

## 13. Disposal Considerations

### Waste treatment methods

**Product** Product should be taken to a suitable and authorized waste disposal site in accordance with relevant regulations and if necessary, after consultation with the waste disposal operator and/or the competent Authorities

### Contaminated packaging

This material and its container must be disposed of in a safe way.

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#### 14. Transport Information

The product is not hazardous for transport.

##### UN Number

ADR/RID: Not hazardous for transport IMDG: Not hazardous for transport IATA: Not hazardous for transport

##### UN Proper Shipping Name

ADR/RID: Not hazardous for transport IMDG: Not hazardous for transport IATA: Not hazardous for transport

##### Transport hazard class(es)

ADR/RID: Not hazardous for transport IMDG: Not hazardous for transport IATA: Not hazardous for transport

##### Packing group, if applicable

ADR/RID: Not hazardous for transport IMDG: Not hazardous for transport IATA: Not hazardous for transport

##### Environmental hazards

ADR/RID: No

IMDG: No

IATA: No

##### Special precautions for user

See section 6 and 8 of this safety data sheet.

##### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No transport as bulk according IBC – Code

#### 15. Regulatory Information

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

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

The product does not contain substances listed in Annex XVII, Annex XIV (Authorization List) or REACH Candidate List. (Substance of Very High Concern).

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#### Chemical Inventory Status

Chemical name	Common names and synonyms	CAS number	EC Number
Calcium bis[4-({1-[(2-chlorophenyl)carbamoyl]-2-oxopropyl}diazanyl)-3-nitrobenzenesulfonate]	Calcium bis[4-({1-[(2-chlorophenyl)carbamoyl]-2-oxopropyl}diazanyl)-3-nitrobenzenesulfonate]	71832-85-4	276-057-2
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed
United States Toxic Substances Control Act (TSCA) Inventory			Listed
Canada Domestic Substance List (DSL)			Listed
New Zealand Inventory of Chemicals (NZIoC)			Listed
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			Listed
Vietnam National Chemical Inventory			Listed
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Listed

#### Chemical Safety Assessment

Chemical Safety Assessments has not been carried out for these substances.

#### 16. Other Information

Indication of change: The updated safety and other hazard statements and additional information on regulations have been added as required.

**Note:** To the best of our knowledge, the information contained herein is accurate.

However, neither the above-named Supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user.

All materials may present unknown hazards and should be used with caution.

Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. For additional information, please contact Navpad Pigments Private Limited.

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