



## Technical Data Sheet (TDS)

**Product: Paraformaldehyde - Prills**



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### REGISTERED OFFICE:

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### MANUFACTURING UNITS

- Ahmedabad (Gujarat)
- Mumbai (Maharashtra)
- Bharuch (Gujarat)

### SALES & MARKETING

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### Product Description

Paraformaldehyde is an evenly sized white, solid polymer of formaldehyde with the pungent, characteristic formaldehyde odour. Paraformaldehyde is composed of varying molecular weight polymers of polyoxymethylene glycols.

Paraformaldehyde manufactured by Balaji Formalin Private Limited is EU REACH and KOREA REACH Compliant. Contact Sales & Marketing team for further details.

*\*Available in customized best in-class Packaging options i.e. 25kg Bags, 500kg Jumbo Bags & 1000kg Jumbo Bags*

### Applications

Paints & Coatings Industries	Aroma & Fragrances Industries
Speciality Chemical Manufacturers	Laminates, Boards & Plywood Industries
Laboratory, Pharmaceutical & API Manufacturers	Water Treatment Chemical & Ion Exchange Resin Manufacturers
Foundry Resin Manufacturers	Tyre Resin Manufacturers
Textile Industries	Amino Resin Manufacturers
Oilfield Chemicals	Embalming preparations
Disinfectants, Insecticides and Pesticides Industries	Inks, Dyes Intermediates and Special Plasticisers
Friction Dust Industry	Formaldehyde substitute

Specifications	Paraformaldehyde 91%	Paraformaldehyde 96%
Paraformaldehyde Content (Assay)	91% (±1%)	96% (±1%)
Acidity (as a formic acid)	<0.03%	<0.03%
Resorcinol (Reactivity Time/ RT)	< 10 mins.	< 10 mins.
Iron (%)	< 0.001	< 0.001
Ash (%)	0.005% Max	0.005% Max
Mean particle size	100-500 µm (Min -90%)	100-500 µm (Min -90%)
Typical Properties		
Appearance	Free flowing Prills	Free flowing Prills
Methanol	<0.5	<0.5
pH Value (10% solution in Water)	4 - 7	4 - 7
Bulk density (grams/ml)	0.70 - 0.85	0.70 - 0.85
Flammability	Flash point 93°C (tag open cup)	Flash point 93°C (tag open cup)
Melting point	120 - 170°C	120 - 170°C
Water content	9% (±1%)	4% (±1%)

### Handling

#### Precautions for Safe Handling:

- Open and handle container with care
- Avoid dust formation
- Ensure good ventilation/exhaustion at the warehouse

#### Information about fire - and explosion protection:

- Keep away from Direct Ignition source

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

- Keep away from Acids. Bases / Amines / Oxygen / Oxidizing agent / reducing materials

### Storage

#### Requirements to be met by storerooms and receptacles:

- Keep only in original container
- Store tightly closed in a dry, cool & well-ventilated place
- Keep out of direct sunlight

#### Information about storage in one common storage facility:

- Protect from moisture

#### Further information about storage conditions:

- Keep container tightly closed
- Handle uncleaned empty containers as full ones

*\*Refer the MSDS/SDS for further detailed information*

All information and data, including the formulations and procedures discussed herein, are believed to be correct. However, this should not be accepted as a guarantee of their accuracy, and confirming tests should be run in your laboratory or plant. No statement should be construed as a recommendation for any use which would violate any patent rights. Sales of all products are pursuant to terms and conditions included in Balaji Formalin Pvt Ltd sales documents. Nothing contained therein shall constitute a guarantee or warranty with respect to the products described or their use.

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