

Paraformaldehyde products

Paraformaldehyde is used as a disinfectant, hardening agent and waterproofing agent. It is also used to prepare adhesives, resins and in dentistry as an antiseptic. It is also employed as a thermoplastic. In addition, it is used in the preparation of formalin fixatives for tissues or cells, particularly when the samples are subjected to fluorescence studies.

Application Focus areas:

Agricultural chemicals, paint industry, pharmaceutical & chemical industry, organic chemical syntheses, fertilizers, pharmaceuticals, printing & photography, fluorescent lights, consumer goods, cleaning products, personal care products and intermediate additives and compounds.

Applications

One of the most important uses of our paraformaldehyde solutions is as formalin fixatives for tissues or cells. Paraformaldehyde is also used as a source of formaldehyde groups in the production of many thermosetting resins, together with phenol, urea, melamine, resorcinol and other similar reagents. These resins are used as moulding powders; in the wood industry as glues for chipboard, plywood and furniture; as bonding resins for brakes, abrasives and foundry dyes; as finishing resins for paper and textiles; as driers and glossing agents for paints; as insulating varnishes for electrical parts.

Some additional typical formulations for the production of such resins starting from paraformaldehyde include dichloroethyl formal, methyl phenol, disinfectants, insecticides, pharmaceuticals such as vitamin A, embalming preparations, dyestuff and special plasticizers.





New products have been added to our extensive paraformaldehyde portfolio to ensure that we have suitable products for all customer applications. These new products are most commonly used as fixatives in cell culture studies, and are conveniently packaged in 10mL ampoules for customer convenience and to ensure product is fresh for each use.

Paraformaldehyde products

Alfa Aesar Stock No.	Description	Size
47392-9L	Paraformaldehyde, 4% w/v aq. soln., methanol free	2 × 10ml
47392-9M	Paraformaldehyde, 4% w/v aq. soln., methanol free	10 × 10ml
47347-9L	Paraformaldehyde, 8% w/v aq. soln., methanol free	2 × 10ml
47347-9M	Paraformaldehyde, 8% w/v aq. soln., methanol free	10 × 10ml
47317-9L	Paraformaldehyde, 10% w/v aq. soln., methanol free	2 × 10ml
47317-9M	Paraformaldehyde, 10% w/v aq. soln., methanol free	10 × 10ml
43368-9L	Paraformaldehyde, 16% w/v aq. soln., methanol free	2 × 10ml
43368-9M	Paraformaldehyde, 16% w/v aq. soln., methanol free	10 × 10ml
47340-9L	Paraformaldehyde, 20% w/v aq. soln., methanol free	2 × 10ml
47340-9M	Paraformaldehyde, 20% w/v aq. soln., methanol free	10 × 10ml
47377-9L	Paraformaldehyde, 32% w/v aq. soln., methanol free	2 × 10ml
47377-9M	Paraformaldehyde, 32% w/v aq. soln., methanol free	10 × 10ml

Alfa Aesar

Find out more at alfa.com

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