

PARAFORMALDEHYDE 91%



CAS Number: 30525-89-4

Other Names: Polyoxymethylene

Formula: $(CH_2O)_n$

PRODUCT INTRODUCTION

Paraformaldehyde is the smallest polyoxymethylene, the polymerization production of formaldehyde with a typical degree of polymerization of 8-100 units. It appears as free flowing white powder. It has commonly a slight odor of formaldehyde due to decomposition.

PHYSICAL AND CHEMICAL PROPERTIES

Formaldehyde Content	90.7 %
pH Aqueous Solution 10%	3.8
Acidity (as Formic Acid)	0.013 %

APPLICATION

- For manufacturing of Phenolic Urea and Melamine Resins (condensation reactions).
- For production of Ion Exchange Resins (chloromethylation reaction)
- Most paraformaldehyde consumed by the agrochemicals industry is for the herbicides such as bismethiazol, butachlor, acetochlor, glyphosate, and machete.
- Disinfection of the air in rooms.
- Hardening of Glues.
- Manufacture of fluorescent pigments and soluble condensation product for textile auxiliaries, alcoholic solutions commonly known as 'FORMOCEL'.
- It is used in the manufacture of Phenolic Resins, of Urea, Thiourea and Melamine Formaldehyde Resins.
- Paraformaldehyde used in place of formaldehyde aqueous solution for high reactivity and concentrations of aldehyde contents reacted with low water contents

PACKAGING OPTIONS

Drums

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