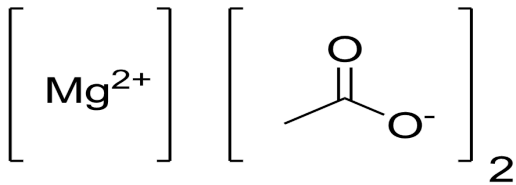




RASHDEEP CHEMICALS

Technical Data Sheet - Magnesium Acetate

1	Chemical Name	Magnesium Acetate Anhydrous
2	CAS No	142-72-3
3	Synonym (s)	Acetic acid magnesium salt
4	Chemical Formula	$\text{Mg}(\text{CH}_3\text{COO})_2$
5	Chemical Structure	
6	Molecular Weight	142.394gm/mol
7	Description	White hygroscopic crystals
8	Solubility	Soluble in water
9	Storage and Handling	Cool, dry, well-ventilated place away from heat and moisture
10	Uses	<ul style="list-style-type: none">• DNA amplification: Used as a buffer in polymerase chain reactions (PCRs)• Dialysis: Used as a dialysis solution• Soil amendment: Used to supply magnesium to crops, which is



RASHDEEP CHEMICALS

		<p>essential for healthy plant growth</p> <ul style="list-style-type: none">● Textiles: Used to dye textiles and fix colors onto fabrics● Leather tanning: Used as a neutralizing agent● Polyester film: Used as a polymer additive to enhance adhesion regulation● Fire extinguishing: Used as a fire extinguishing agent for grease fires● Chemical synthesis: Used as a catalyst in transesterification reactions● Water treatment: Used as a flocculant to remove contaminants from water● Buffering: Used as a buffering agent in the preparation of certain types of solutions● Molecular biology: Used in the crystallization of transcris
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