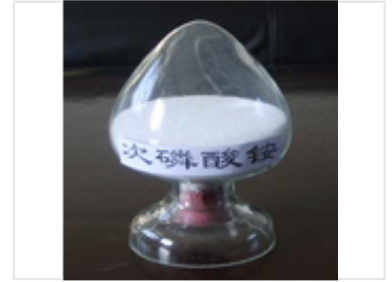


# Ammonium Hypophosphite Flame Retardant

Ammonium Hypophosphite is a white crystalline salt used as a flame retardant. It functions as a reducing agent and is also used in chemical synthesis.



## Product Overview

### What is Ammonium Hypophosphite?

Ammonium Hypophosphite is a high-performance chemical compound primarily utilized as a flame retardant in industrial applications. It is a white crystalline salt known for its solubility in water and its role as an effective reducing agent. This versatile material is widely integrated into textiles and plastics to enhance fire safety and is also employed in various chemical synthesis processes.

## Chemical Properties

### Physical State

White Crystalline Solid • Powder

### Molecular Formula

$\text{NH}_4\text{H}_2\text{PO}_2$

### Solubility

Soluble in water

## Applications

### Primary Applications

- Flame retardant for textiles
- Flame retardant for plastics
- Chemical synthesis
- Reducing agent