

Poly Lyte P-424

Precipitant/Coagulant

P-424 is a liquid wastewater treatment product which is designed to precipitate high levels of dissolved phosphate.

P-424 contains a unique combination of coagulants and precipitants which provide excellent phosphate removal.

Used in wastewater treatment to initiate precipitation and coagulation. Highly effective at effluent clarification, especially in wastewater containing emulsified oils or cleaners.

Features & Benefits

- Low use cost.
- High solids.
- For systems with high levels of phosphate.
- Used in conjunction with Poly Lyte 1225 AL polymer.
- May be added NEAT or Diluted. (Lab testing required)

Physical Data

| | |
|-------------------------|-------------------------|
| pH | 2.0 |
| Product Type | Liquid |
| Spec. Gravity | 1.26444 |
| lbs./gal. | 10.55 |
| Foam, 0 = Low, 9 = High | 0 |
| Shelf-Life Years | 10 Years |
| Freeze Information | Not damaged by freezing |

Typical Processing

1. Add to wastewater adjusted to pH of 8-10 (typical with sodium hydroxide) 5 ppm of P-424 to treat 1 ppm of PO₄ (use with Poly Lyte 1225-AL)
2. Use vigorous mixing when adding to your waste water. Mixed solutions can be held for long periods to control costs.
3. Bench test or jar test for your particular needs.
 "do not add to process tanks in-line"

Packaging

| | |
|----------------|---|
| Container Type | Poly Drums |
| Net Units | 580 |
| Tare Wt. | 25 |
| Gross Wt. | 620 |
| DOT_Name | UN 3264, Corrosive Liquids, Acidic, inorganic, N.O.S., (Hydrochloric Acid), 8, PG III |
| DOT Hazard | Corrosive |
| Tarriff ID | |

Use Parameters

| | |
|---------------------|------------------------|
| Concentration Range | 5 ppm per 1 ppm of PO4 |
| Temperature Range | N/A |
| Time Range | N/A |
| Agitation | Mix and stir |

Waste Disposal

Used to control waste processing problems.

Settling, anti-gelling.

Holding Tank Materials of Construction

Poly, glass, brick, rubber (not steel or stainless)

Other Information

It is important that the OSHA DATA, "Material Safety Data Sheet" be carefully read and reviewed with the users of this product. OSHA data is required to be posted in the work area by law.

WARRANTY: HUBBARD-HALL INC. IS NOT RESPONSIBLE FOR THE MISUSE, MISAPPLICATION, OR MISHANDLING OF THIS PRODUCT. SEE THE TERMS AND CONDITIONS OF SALE ON OUR WEBSITE FOR ADDITIONAL TERMS AND CONDITIONS CONCERNING OUR PRODUCTS, INCLUDING BUT NOT LIMITED TO, LIMITATIONS AND DISCLAIMERS OF WARRANTIES AND LIABILITIES.



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Product Bulletin

Product Name: Poly Lyte P-424
Product Code: 2600907
Revision Date: May 22, 2025

Our People. Your Problem Solvers.

For more information on this process,
please call us at 203.756.5521 or email: techservice@hubbardhall.com

Hubbard-Hall holds certifications for **ISO 9001:2015**, Responsible Distribution, as accredited by the **ACD** (Alliance for Chemical Distributors) and as a **Women-Owned Small Business**, as well as maintaining an association with **Omni-Chem**¹³⁶.