



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.

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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.