

多機能無機高分子凝集剤「ポリテツ」[®]

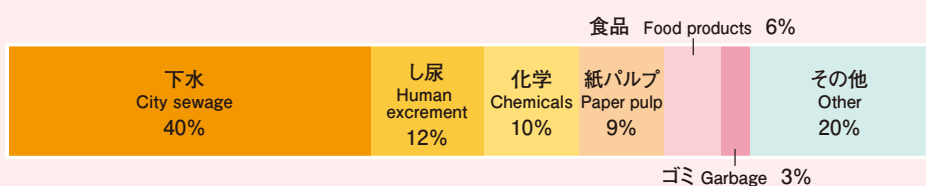
鉄系の多機能水処理剤

Multifunctional Inorganic High-Polymer Flocculant: Polytetsu[®]



あらゆる分野の水処理に効果を発揮

Effective Water Treatment Method in Various Fields



性状

- 他の凝集剤と比較して、重金属、塩素イオンを含まない
- 塩素イオンを含まないので、設備腐食が少ない
- 溶液なので溶解の必要がなく、輸送も簡単

Appearance	Reddish brown liquid
Specific gravity	>1.45
pH (1w/v%)	>2
Total Fe	>11.0(w/w)%
Fe ²⁺	<0.07(w/w)%
SO ₄ ²⁻	24~29(w/w)%
Cl ⁻	<0.05(w/w)%
Freeze temperature (°C)	-12°C±1°C

Polytetsu[®] Characteristics

- Compared with other flocculants, Polytetsu[®] does not include heavy metals or chloride ions.
- Because it does not include chloride ions, equipment corrosion is minimal.
- Comes in solution form; no dissolving is necessary and it is easy to transport.

特徴・効能

- ①適用pH範囲が広く、使いやすい
- ②フロック形成、沈降性が速い
- ③COD、BODが下がる
- ④重金属、リンの除去効果が高い
- ⑤汚泥の脱水性が高い
- ⑥汚泥含水率低下、処理能力向上
- ⑦硫化水素、アンモニア等悪臭除去効果が高い
- ⑧コンポスト化が可能

Polytetsu[®] Features and Advantages

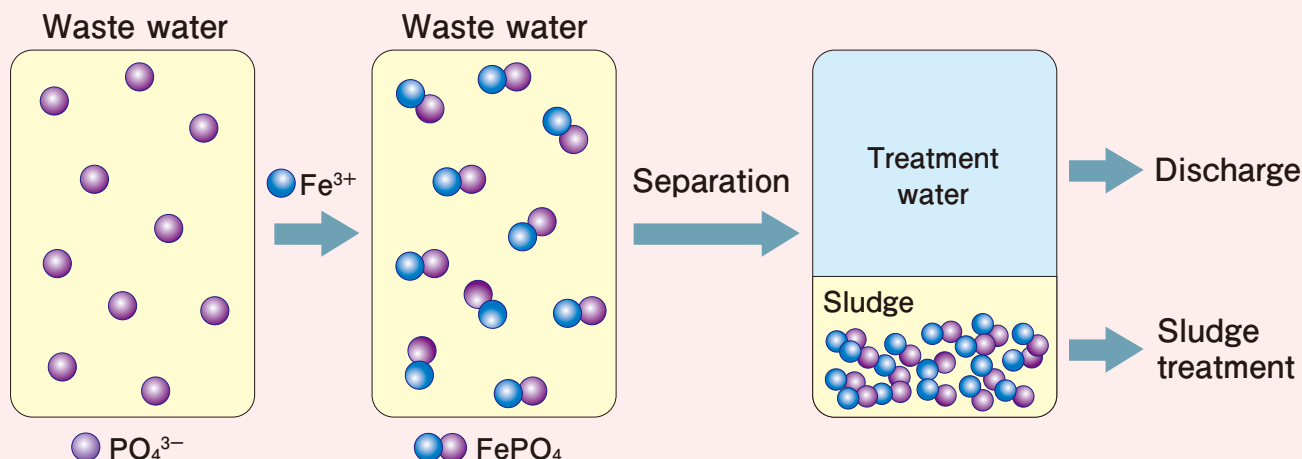
- ① Easy to use, with broad range of pH applications
- ② Quick flocculation and precipitation
- ③ Lower COD and BOD
- ④ Effectively removes heavy metals and phosphorus
- ⑤ Superior for sludge dehydration
- ⑥ Reduces sludge water content for more effective treatment
- ⑦ Effectively removes H₂S, NH₃, and other offensive smell
- ⑧ Can be composted

速やかなフロック形成と沈降性 Quick flocculation and precipitation



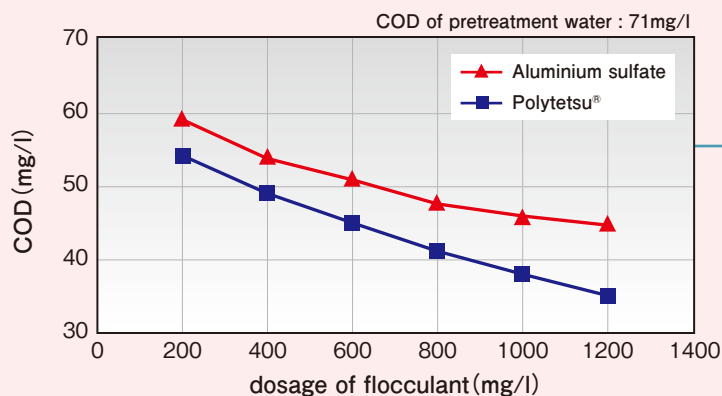
富栄養化対策 (排水中のリン除去)

Measure for Eutrophication



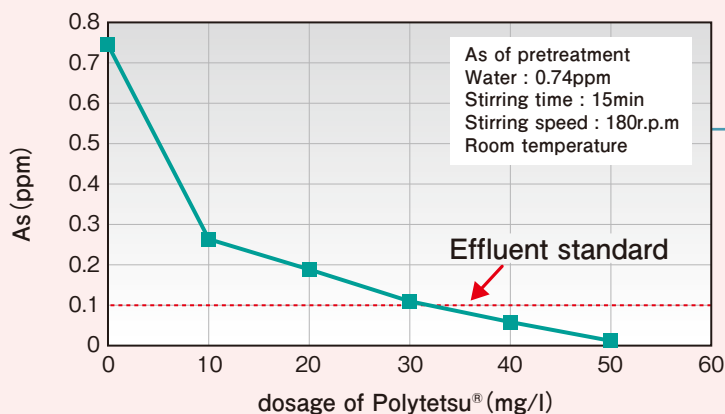
COD低減、重金属除去対策

Measure for Reducing COD and Removing Heavy metals



凝集剤添加量を削減
Reduced dosage of flocculant

Relationship between dosage of flocculant and COD concentration



排水基準の安定遵守
Stable Keep to Effluent Standards

Relationship between dosage of Polytetsu[®] and As concentration

Polytetsu[®]: Poly ferric sulfate

販売元 For more information contact

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