

Flocculant for oily wastewater EAC-30 ST

油性廢水用多用途凝集劑 EAC-30 ST

Most flocculants for wastewater treatment are based on polyaluminium chloride (PAC). Because of the diversity of wastewater types, we specially developed EAC-30 ST, a high-efficiency flocculant for wastewater. Suitable for those that are not easy to flocculate due to high oil content. EAC-30 ST can provide a good flocculation effect and no need to use demulsifiers. Using EAC-30ST with PAM can improve the flocculation effect, achieve rapid clarification of wastewater, and improve efficiency. Moreover, it can greatly reduce the COD in wastewater along with the decolorization effect. In addition, this flocculant does not contain aluminum, it is an environmentally friendly item. This new generation of organic flocculant is widely applicable and is the best choice for the flocculation of wastewater treatment.

廢水處理用的凝集劑の多くは、ポリ塩化アルミニウム (PAC) をベースとしています。廃水の種類は多様であるため、私たちは廃水用の高効率凝集剤である EAC-30 ST を特別に開発しました。油分を多く含むために凝集しにくいものに適しています。EAC-30 ST は良好な凝集効果が得られ、脱乳化剤を使用する必要がありません。EAC-30ST と PAM を併用することで、凝集効果を高め、排水の迅速な清澄化を実現し、効率を向上させることができます。また、脱色効果とともに排水中の COD を大幅に低減することができます。また、この凝集剤はアルミニウムを含まず、環境に優しい製品です。この新世代の有機凝集剤は広く応用でき、廃水処理の凝集に最適な選択である。

Physical properties 物性

- Appearance: Reddish-brown sticky fluid
外観 赤褐色の粘着性液体
- Composition: Special polymer complexes
成分 特殊ポリマー複合体
- pH value: $\leq 2.0-3.0(1\% \text{ aq})$
pH 値
- Density: $\geq 1.40 (20^\circ\text{C}) \text{ g/cm}^3$
密度
- Molecular weight: $\geq 10.0 (10 \text{ thousand})$
分子量 $\geq 10.0 (万)$
- Stability: Good stableness
安定性
- Insoluble mass fraction: ≤ 0.2
不溶性質量分率

Characteristics / Features 特性・特徴

- This product is a new generation of high-efficiency organic polymer flocculant, which has the dual effects of oxidative decomposition and flocculation of pollutants in water.
本製品は新世代の高効率有機高分子凝集剤で、水中の汚染物質の酸化分解と凝集の2つの効果を兼ね備えています。
- This product can make the flocculating particles larger and denser, accelerate sedimentation speed, and deliver exceptional water purification results.
この製品は、凝集粒子をより大きく密にし、沈降速度を速め、卓越した浄水結果をもたらすことができます。
- It can remove the COD, BOD, and heavy metal ions.
COD、BOD、重金属イオンを除去することができます。
- It provides high removal rate of turbidity, color, oil, water, and phosphate.
濁度、色、油分、水分、リン酸塩を高い除去率で除去することができます。
- Wide pH range applicable (pH4~11.)
The pH value difference of total alkalinity of the raw water and after purification is small.
広いpH範囲 (pH4~11.) で使用できます。
原水と浄化後の全アルカリ度のpH値の差が小さいです。
- This product can separate polynuclear hydroxyl group after hydrolysis in water, and generate intensive micro-charge, which has significant effect on low temperature and high turbidity wastewater purification.
本製品は水中で加水分解した後、多核ヒドロキシル基を分離し、集中的なマイクロ電荷を発生させることができ、低温・高濁度の廃水浄化に大きな効果を発揮することができます。
- This product does not contain aluminum and heavy metal ions and other harmful substances, non-toxic, harmless.
本製品はアルミニウム、重金属イオンなどの有害物質を含まず、無毒、無害です。

Application使用方法

- The dosage is about 70% of traditional inorganic polymer flocculant.
By implementing this solution, it can reduce the cost by up to 50%.
投与量は従来の無機高分子凝集剤の約70%。
このソリューションを導入することで、コストを最大50%削減することができます。

Package梱包仕様

- 25Kg / plastic drum
25Kg / プラスチックドラム

Safety information安全情報

- Wear protective gear when using; if splashed on skin, rinse with water immediately. No danger of explosion or combustion.
皮膚に付着した場合は、直ちに水で洗い流す。爆発や燃焼の危険性はありません。

LIMITED WARRANTY INFORMATION - PLEASE READ BEFORE ANY APPLICATION:

- The data presented in this brochure are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt.
- We reserve the right to alter product constants within the scope of technical progress or new developments.
- The recommendations made in this brochure should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used.
- The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights
or patents and, if necessary, clarifying the position.
- Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular

purpose.

- We disclaim any responsibility for any dispute regarding product quality between agent and end user.
- Our sole warranty is that our products will meet the sales specifications in effect at the time of shipment.

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