Multifunctional flocculant powder
flocculation agent

MEIDEN Flocculant

It guarantees beneficial effects on treating waste water of water base paint and various industrial materials.
Amazing power of solid-liquid separation!!

MEIDEN Flocculant is a new type of flocculant powder suitable for treating waste water of water base paint and latex. Please try! You’ll see the difference!!

- **The features**
  - **Easy handling**
    MEIDEN Flocculant can be directly added into water as powder and agitated. It is easy to handle!
  - **Quick Reaction**
    After MEIDEN Flocculant is added, it forms big and firm flocs and separates solid and liquid immediately. Flocs formed are low-viscosity and has great water reducing ratio.
  - **Just one agent works from "coagulation" to "floculation".**
    MEIDEN Flocculant can reduce infusion process, so that can cut the costs and save the space of treating waste water.
  - **Safety**
    Main raw material of MEIDEN Flocculant is harmless to humans and environment.
  - **2 types of floc**
    You can choose "Precip-floc type" or "Float-floc type" by adjusting agent.

- **Usage Example**

![Diagram of MEIDEN Flocculant usage example]

- **An example of water analysis**

<table>
<thead>
<tr>
<th></th>
<th>Before</th>
<th>After</th>
<th>Floc</th>
</tr>
</thead>
<tbody>
<tr>
<td>COD (cr) mg/L</td>
<td>15,840</td>
<td>1,260</td>
<td>–</td>
</tr>
<tr>
<td>Concentration of solid %</td>
<td>0.98</td>
<td>0.06</td>
<td>–</td>
</tr>
<tr>
<td>Water content %</td>
<td>–</td>
<td>–</td>
<td>84.6</td>
</tr>
</tbody>
</table>

This result is an example of analysis in the simulated waste water treatment conducted by Meidensha.

**Line-ups**

- **For waste water of water base paint**
  - Due to VOC regulations, water paint has gotten more popular. Waste water of water base paint needs a new treatment.

- **For barrel polishing waste water**
  - Barrel polishing waste water is hard to treat because of mixture of polishing compound such as surfactant or metalloid adhered products, and abrasive.

- **For latex waste water**
  - Latex waste water made in the process of producing various industrial products, adhesives, and rubber products has high viscosity. Daily treatment of latex waste water is a big burden!

We can also provide other type of flocculant agent depending on the property of waste water.

**A case of applying MEIDEN Flocculant to the water paint booth**

![Diagram of MEIDEN Flocculant application]

**Solution!**

- The system continuously collects overspray, and it prevents the dissolving of overspray in circulating water.
- It keeps circulating water clean, eliminate function wet, and makes easy to maintain booth.
- It reduces the time to change circulating water and cuts the cost.
- Water pump it pumps up waste water of water base paint.
The flow chart of injection; installation MEIDEN Flocculant

We conduct an adaptability test depending on situation, and we suggest you comprehensive plan including treatment facilities.

- Examine the situation
- Water analysis
- Adaptable test
- Adjusting needs of facilities
- Cost calculation
- Installation

If necessary, we analyze the quality of water.
If necessary, we can adjust new agent.

At the time of inquiry

The following information is needed.

<table>
<thead>
<tr>
<th>Type of waste water</th>
<th>water base paint</th>
<th>Other paint</th>
<th>latex</th>
<th>barrel polishing</th>
<th>Others</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume of waste water</td>
<td>m³/day</td>
<td>h/day</td>
<td>Solid concentration rate</td>
<td>%</td>
<td></td>
</tr>
</tbody>
</table>

Summary of Existing system (Treatment method, system flow, type and quantity of agent)

Request for waste water treatment and problem of existing system.

<table>
<thead>
<tr>
<th>Important point</th>
<th>Less dispose cost</th>
<th>less operation cost</th>
<th>Better working environment</th>
<th>Others</th>
</tr>
</thead>
</table>

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