SL-MPC metal passivation agent for Catalytic Cracking Unit can effectively prevent the heavy metal from precipitating on the catalyst, which will poison or inactivate the catalyst and cause the catalyst to become selective spoiled, which will reduce light oil yield.

## Technical Indicators

**Technical Indicators of SL-MPC**

<table>
<thead>
<tr>
<th>Item</th>
<th>Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Light yellow even liquid</td>
</tr>
<tr>
<td>Density, g/cm³ 20°C</td>
<td>1.25~1.45</td>
</tr>
<tr>
<td>Solidification point (°C)</td>
<td>less than -10</td>
</tr>
<tr>
<td>Solvability</td>
<td>Solvable in water</td>
</tr>
</tbody>
</table>

## Distinguishing Features

1. The performance is stable, low toxicity, no smell and it is water soluble.
2. High content of effective component, low consumption.
3. It has good atomization and dispersibility property.
4. It contains rare-earth element, and can act as normal metal passivation agent, can also raise activity of balanced catalyst.

## Using Method

1. The injecting amount should be even, the passivation agent shall be added continuously.
2. Catalyst must be kept at certain activating level, which is no less than 50m%.
3. Suggested usage:
   
   Normal passivation agent application volume (Kg/h) =4FXCmX10⁻³ in the equation;
   
   F stands for feeding speed in catalytic cracking unit (t/h);
   
   Cm stands for the content (ppm) of Nickel and vanadium in the catalytic cracking unit.

   In practice production, if metal passivation agent has never been used before, it can be added to the system in faster speed, i.e. 2-3 times of normal speed, in the mean time, adjust the amount of passivation agent according to the passivation result. After a certain period of fast mode adding, if the gas production ratio and hydrogen content in dry gas and in fat gas remain unchanged, the passivation agent fast adding mode shall be stopped promptly, and then according to normal value.

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Because the conditions of use of this product are beyond the seller's control, the product is sold without warranty either express or implied and upon condition that purchaser make its own test to determine the suitability for purchaser's application. Purchaser assumes all risk of use and handling of this product. This product will be replaced if defective in manufacture or packaging or if damaged. Except for such replacement, seller is not liable for any damages caused by this product or its use. The statements and recommendations made herein are believed to be accurate. No guarantee of their accuracy is made, however.
Caution

This product should be stored at aeration-drying, shady and cool places.

During the process of the application, the customer should choose the best service conditions according to the actual case of the factory.

Packing and Storage

1. Packed in plastic barrel, net weight is 200kg.
2. It shall be stored in cool dry places, keep away from fire, handle with care.