



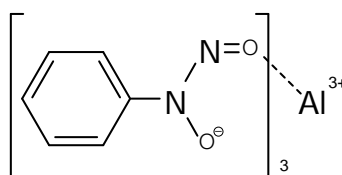
**PRODUCT DATA SHEET**

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## IDL-IN 510 Polymerization Inhibitor

### Description

IDL-IN 510 polymerization inhibitor is used to increase the shelf life of olefinic resins. It is white to Off- white powder. Usually, it is a solution of inhibitor which is used to dissolve in a corresponding monomer. IDL-IN 510 polymerization inhibitor may be used in coatings, adhesives, photoresist, printing inks and printing plates as well as unsaturated polyester resins, vinyl monomers and acrylated oligomers. It typically is used at low concentrations in formulated systems ranging from 0.01% to 0.1% by weight.



Inhibitor: CAS 15305-07-4; EINECS 239-341-7 C<sub>18</sub>H<sub>15</sub>N<sub>6</sub>O<sub>6</sub>Al  
Tris(N-Nitroso-N-Phenylhydroxylamine)Aluminum Salt

### Physical Properties

Appearance----- white to Off- white powder  
Inhibitor molecular weight-----438.33  
Melting point (°C) -----165-170  
Purity (%) -----≥99.0(HPLC)

### Applications

It may be used in UV coatings, UV inks, adhesives, photoresist, printing inks and printing plates as well as unsaturated polyester resins, vinyl monomers and acrylated oligomers.

### Safety and Handling

It should be handled in accordance with good industrial practice. For specific information on the safe handling of this product, please refer to the material safety data sheet. Copies are available upon request.

### Reserve condition

Keep it away from light, store it in dry environment under 50°C, avoid alkali and water.

### Available Package

20kg/carton

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