

Chemstab 510

Chemical Name	Tris (N-nitroso-N-phenylhydroxylamine) aluminum salt												
CAS NO.	15305-07-4												
Molecular Formula	C ₁₈ H ₁₅ AlN ₆ O ₆												
Chemical Structure													
Physical properties	<p>Appearance : Off-white to pale yellow powder</p> <p>Purity (%) : 98.00min</p>												
Specification	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Item</th> <th style="text-align: center;">Specifications</th> </tr> </thead> <tbody> <tr> <td>Appearance</td> <td>White to Pale Yellow Crystalline Solid</td> </tr> <tr> <td>Assay</td> <td>≥98.00</td> </tr> <tr> <td>Melting Point</td> <td>165.0-172.0° C</td> </tr> <tr> <td>Volatiles</td> <td>≤0.50</td> </tr> <tr> <td>Ash</td> <td>≤0.1%</td> </tr> </tbody> </table>	Item	Specifications	Appearance	White to Pale Yellow Crystalline Solid	Assay	≥98.00	Melting Point	165.0-172.0° C	Volatiles	≤0.50	Ash	≤0.1%
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General	<p>Chemstab 510 is a highly efficient polymerization inhibitor, which is used to increase the shelf time of UV formulations. It can prevent the self-polymerization of UV coating/ink formulations during storage.</p> <p>Chemstab 510 is effective and has excellent performance in a wide range of applications.</p>												
Applications	<p>Chemstab 510 is used to increase the shelf time of olefinic resins. It may be used in coatings, adhesives, photoresists, printing inks and printing plates as well as unsaturated polyester resins, vinyl monomers and acrylate oligomers.</p> <p>Chemstab 510 is off-white to pale yellow powder. It is typically dissolved in relevant monomers before usage. As it is typically used at low concentration in formulated systems, the light discolor does not affect performance and should not affect the quality of final products.</p> <p>Chemstab 510 recommended concentration: 0.01-0.1%</p> <p>Chemstab 510 recommended applications;</p> <ul style="list-style-type: none"> -UV Curing Inks -UV Curing Coatings -Photoresists -Adhesives -Vinyl Monomers -Unsaturated Polyester Resins <p>Since your specific applications and conditions of use are beyond our control, you must determine the suitability of the product and the suggestions mentioned herein for your specific applications.</p>												