

**HENAN TANGYIN YONGXIN AUXILIARY AGENT FACTORY**  
**ANTISCORCHING AGENT CTP(PVI)**  
**( white granule)**

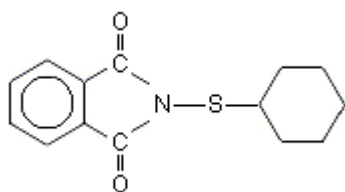
**CAS NO.:**17796-82-6

**Chemical Name:** N-(cyclohexylthio)Phthalimide

**Empirical Formula:**C<sub>14</sub>H<sub>15</sub>O<sub>2</sub>SN

**Molecular Weight:**261.3

**Chemical Structure:**



**Physical Form:** White or off white granule

<b>Technical Parameters:</b> Active substance(CTP)	97% by weight min.
Weight Loss	0.3% by weight max.
Ash Content	0.1% by weight max.
Toluene Insolubles	0.5 %by weight max.
Melting Point	90-94℃

**Application:** It is a high effective pre-vulcanization inhibitor. It's applied in NR、SBR、BR、IIR、CR、EPM、EPDM、NBR with cure system consisting of sulfur and Thiazole but mainly Sulphenamide Accelerator. Even a small addition of this products to rubber compounds (0.1-0.3 phr.)increase their processing safety and that enables to speed up some of the technological operations during the preparation of rubber goods. Its use saves raw materials and power. The product can also improve the storage stability of the rubber materials and keep them from natural vulcanization during storage. Meanwhile, it has reclaimaion function for rubber materials that have been borne at high temperature or dangerous for scorching. Granular product with no carrier can depress dust efficiently , meanwhile, don't effect the fluidity and dipersion, especially applied in the automatic weighing in the Radial Tire production.

**Packaging and Storage:** Packed in paper/plastic laminated bag, of 20 kg net .The products should be stored and transported on pallets in dry and covered places and vehicles. Storage life in undamaged original packaging is 2 year under the observation of storage conditions.