

Chemical Name:

HALS 944 / Chimasorb 944

Poly-{6-[(1,1,3,3-tetramethylbutyl)amino-1,3,5-triazine-2,4-diyl][(2,2,6,6-

 $tetramethyl-4-piperidyl)imino]-1, 6-hexanediyl[(2,2,6,6-tetramethyl-4-piperidyl)imino)\}$

	Formula		[C35H64N8]n	× l×
	Molecular Weight CAS#		2100-3000	
			70624-18-9	In the second
Physical Properties:				
	Appearance			white to slightly yellowish granules or low dust powder
	Melting poir	nt		100 – 135 °C
	Flash point			> 150°C
		Water		< 0.01
	Solubility (20°C)	MeoH		3
		EtoH		< 0.1
		Acetone		> 50
		Ch2Cl2		> 50
		Hexane		41

Applications:

>High molecular weight hindered amine light stabilizer (HALS). excellent compatibility, good resistance to extraction and low volatility

>Application include polyolefins (PP, PE), olefin copolymers such as EVA as well as blends of polypropylene with elastomers. It imparts excellent light stability to thin articles, particularly fibers and films. In thick cross sections it is specifically suitable for polyethylene articles

>Sulphur or halogen type may affect UV-944 effect when exists

>It's concentrations range between 0.1 % and 2.0 %, depending on the substrate, processing conditions and application.

Handing and safety:

 > FDA cleared for use in food contact applications. It is not intended for use in products which may come in contact with mucous membranes or abraded skin or be implanted into the body.
>For additional handing and toxicological information, please consult us for Maternal Safety Date Sheet

Package: 25kg per fiber drum, 9*3 layer 27drum per pallet, or according to customers' requirements.

The information and statement herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility, Users should undertake sufficient verification and testing to determine the suitable for their own particular purpose of any information or products referred to herein. No warranty of fitness for a particular purpose is made.