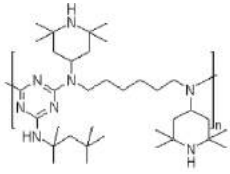


HALS 944 / Chimasorb 944**Chemical Name:**

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-hexanediy[(2,2,6,6-tetramethyl-4-piperidyl)imino]}

Formula	[C ₃₅ H ₆₄ N ₈] _n	
Molecular Weight	2100-3000	
CAS#	70624-18-9	

Physical Properties:

Appearance	white to slightly yellowish granules or low dust powder	
Melting point	100 – 135 °C	
Flash point	> 150°C	
Solubility (20°C)	Water	< 0.01
	MeoH	3
	EtoH	< 0.1
	Acetone	> 50
	Ch ₂ Cl ₂	> 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.