

### HALS 2020 / Chimasorb 2020

## **Chemical Name:**

reactionmaterial of 1,6 - hexanediamine, N,N'-bis (2,2,6,6-tetramethyl-4-piperidine-yl),2,4,6-trichloro-1,

3,5-triazine,N-butyl-1-butylamine, andN-butyl-2,2,6,6- tetramethyl - 4-piperidineamine

Formula	(C33H60N8O)n	
Molecular Weight	2600-3400	
CAS#	192268-64-7	

### **Physical Properties**

Appearance		slightly yellow granules
Melting point		120-150. C
Flash point		Not tested
Solubility (20°C)	Water	< 0.0001
	n-Hexane	> 50
	Tetrahydrofurane	> 15
	Dichloromethane	> 15
	Ethanol/Water 95/5	> 2.5
	n-Octanol	> 1.0
	Isopropanol	> 0.2

# **Applications**: >Block oligomeric hindered amine light stabilizer, excellent compatibility, high extraction resistance.

>Highly effective light stabilizer for polyolefins (PP, PE), olefin copolymers such as EVA as well as blends of polypropylene with elastomers.

>It imparts unique long-term thermal protection to PP filled articles and carbon black filled systems.

HALS 2020 is highly effective as a long-term thermal stabilizer in thin and thick articles and shows high extraction resistance.

>It's concentrations range between 0.1 % and 1.5 %, depending on the substrate, processing conditions and application.

#### Handing and safety:

> Hals 2020 requires no special safety measures, provided the usual precautions for handling chemicals are observed

>For additional 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.

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