



Gromax Enterprises Corp.

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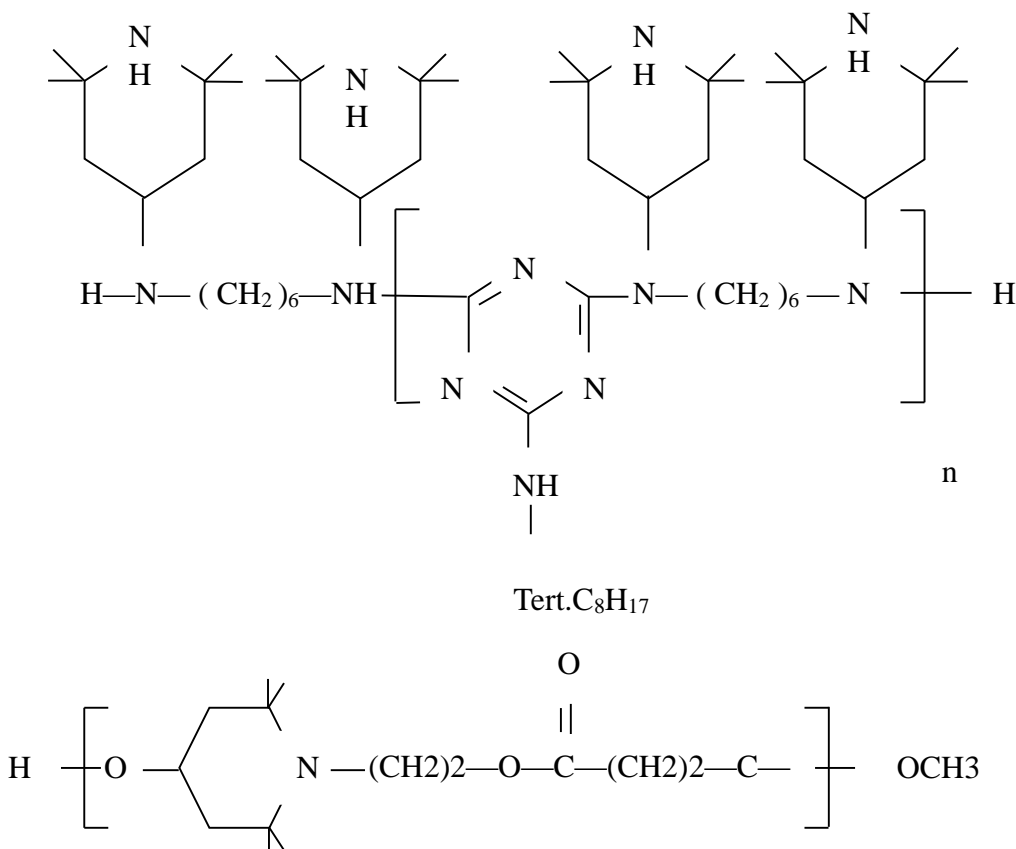
RICHVIN 783

SYNERGISTIC MIXTURE OF HINDERED AMINE LIGHT STABILIZER(HALS)

INTRODUCTION RICHVIN 783 is a synergistic mixture of RICHVIN 944 and RICHVIN 622 .It is a versatile HALS with outstanding extraction resistance, low gasfading, and low pigment interaction. RICHVIN 783 is especially used for LDPE, LLDPE, HDPE films, tapes and thick sections and PP fibers , films. It is also good choice for thick sections where indirect food contact approval is required. It shows excellent compatibility, high resistance to extraction and low volatility.

CAS NUMBER RICHVIN 944 70624-18-9 and RICHVIN 622 65447-77-0

STRUCTURE





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CHEMICAL NAME POLY[[6-1,1,3,3-tetramethylbutyl]amino]1,3,5-triazine-2,4-diyl][2,2,6,6,-
Tetramethyl-4-piperidiny]imino]-1,6-hexanediyl[(2,2,6,6,-tetramethyl-4-
Piperidiny]imino]]
**Butanedioic acid, dimethylester, polymer with 4-hydroxy-2,2,6,6-
Tetramethyl-1-piperidine ethanol**

PHYSICAL PROPERTIES and SPECIFICATIONS

Appearance :light yellow to white granule powder
Flash Point :192°C (DIN 51758)
Melting Point :55-140°C
Molecular weight(Mn) :2000-4000
Volatiles :1.0%max
Ash :0.1%max
Transmittance :425nm 95.0%min,500nm 96.0% min
Composition : RICHVIN 622 :RICHVIN 944 = 45-55% : 45-55%

GUIDELINES FOR USE

Thick Sections: HDPE,LLDPE,LDPE and PP 0.2-1.0%
Films : LLDPE and PP 0.2-1.0%
Tapes :PP and HDPE 0.2-1.0%
Fibers :PP 0.2-1.0%

- (1) It is recommended combine with RICHVIN 326/327/328/5411 can improve the light fastness in unpigmented or slightly pigmented articles .
 - (2) RICHVIN 783 is an effective stabilization system for the polymer against degradation through UV radiation and long-term heat exposure.
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HANDLING &SAFETY

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid continuous or repetitive breathing of dust. Use only with adequate ventilation. Avoid dust formation and ignition sources.

For more detailed information please refer to the material safety data sheet.

PACKING: 50 KGS NET /FIBER DRUM
