




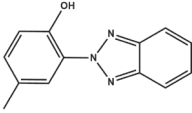

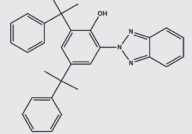

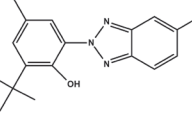

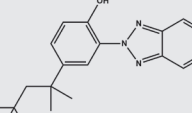

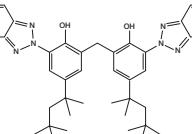
EVERKEM
FLAME RETARDANTS & ADDITIVES

PRODUCT GUIDE
ANTIOXIDANTS
UV STABILIZERS
BLOWING AGENTS
OTHERS


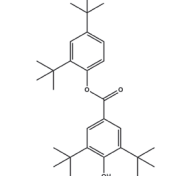

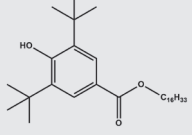
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1. LIGHT STABILIZERS


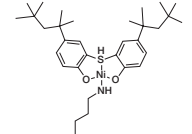
1.1 BENZOTRIAZOLES

BRAND NAME	STOCK	CHEMICAL NAME	CHEMICAL STRUCTURE	CHEMICAL PROPERTIES	APPLICATION AND USE
EVERSTAB P		2-(2H-benzotriazol-2-yl)-4-methylphenol CAS NO: 2440-22-4 Molecular Formula: C ₁₃ H ₁₁ N ₃ O Purity: ≥ 99 % Molecular Weight: 225,25 g/mol		Melting range 128 - 133 °C	PVC, PS, PC, PMMA, AS resin, ABS resin, PP, PE
EVERSTAB 234		2-(2H-benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)phenol CAS NO: 70321-86-7 Molecular Formula: C ₃₀ H ₂₉ N ₃ O Purity: ≥ 99 % Molecular Weight: 447,57 g/mol		Melting range 137 - 141 °C	PBT, PET, POM copolymer, PC, PC/ABS, TPE, TPU, PA, PES
EVERSTAB 326		2-(2-Hydroxy -3' -tert-butyl-5'-methylphenyl)-5-chloro benzotriazole CAS NO: 3896-11-5 Molecular Formula: C ₁₇ H ₁₈ ClN ₃ O Purity: ≥ 99 % Molecular Weight: 315,80 g/mol		Melting range 137 - 142 °C	Polyolefins, unsaturated polyester resins (normal and chlorinated), elastomers and adhesives, cosmetic products
EVERSTAB 329		2-(2-Hydroxy-5-tert-octylphenyl) benzotriazole CAS NO: 3147-75-9 Molecular Formula: C ₂₀ H ₂₅ N ₃ O Purity: ≥ 99 % Molecular Weight: 323,43 g/mol		Melting range 101 - 109 °C	PE, PP, PVC, ABS, polycarbonate, adhesives, elastomers
EVERSTAB 360		2,2'-methylenebis(6-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol) CAS NO: 103597-45-1 Molecular Formula: C ₄₁ H ₅₀ N ₆ O ₂ Purity: ≥ 98 % Molecular Weight: 658,87 g/mol		Melting range 193 - 196 °C	Acrylic resins, PET, polycarbonate, PA, XPS/EPS, Rubber


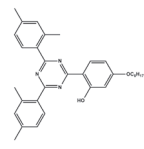

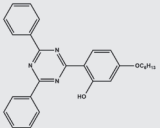
1.2 BENZOATES

BRAND NAME	STOCK	CHEMICAL NAME	CHEMICAL STRUCTURE	CHEMICAL PROPERTIES	APPLICATION AND USE
EVERSTAB 120		2,4-di-tert-butylphenyl 3,5-di-tert-butyl-4-hydroxybenzoate CAS NO: 4221-80-1 Molecular Formula: C ₂₉ H ₄₂ O ₃ Molecular Weight: 438,64 g/mol		Melting temperature 198 °C	Polyethylene, polypropylene, polystyrene, PU, TPU, polypropylene films, coatings, adhesives, fiber
EVERSTAB 2908		Hexadecyl 3,5-bis-tert-butyl-4-hydroxybenzoate CAS NO: 67845-93-6 Molecular Formula: C ₃₁ H ₅₄ O ₃ Purity: ≥ 99 % Molecular Weight: 474,76 g/mol		Melting range 59 - 63 °C	Polyolefins, PP, TPO, PE (HDPE, LLDPE, LDPE) in moldings, films and tapes


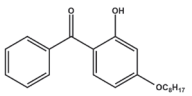
1.3 NICKEL QUENCHER

BRAND NAME	STOCK	CHEMICAL NAME	CHEMICAL STRUCTURE	CHEMICAL PROPERTIES	APPLICATION AND USE
EVERSTAB 1084		(butylamine)[[2,2-thiobis[4-(1,1,3,3-tetramethylbutyl)phenolato]](2-)-0,0',S]nickel CAS NO: 14516-71-3 Molecular Formula: C ₃₂ H ₅₁ NiO ₂ S Purity: ≥ 99 % Molecular Weight: 572,54 g/mol		Melting range 245 - 280 °C	PP, PE agricultural films - resistant to pesticides (halogenated and sulphated)


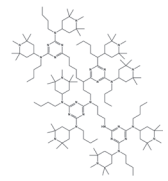

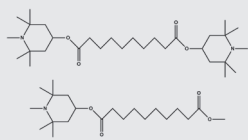

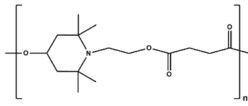

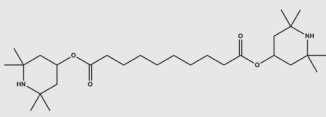

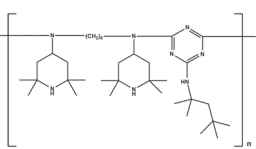

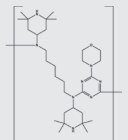
1.4 TRIAZINES

BRAND NAME	STOCK	CHEMICAL NAME	CHEMICAL STRUCTURE	CHEMICAL PROPERTIES	APPLICATION AND USE
EVERSTAB 1164		2-(4,6-bis(2,4-dimethylphenyl)-1,3,5-triazin-2-yl)-5-(octyloxy)phenol CAS NO: 2725-22-6 Molecular Formula: C ₃₃ H ₃₉ N ₃ O ₂ Purity: ≥ 98,5 % Molecular Weight: 509,68 g/mol		Melting range 88 - 91 °C	Greenhouses PE films, synthetic fibres (PP, PA, PET), engineering resins like PA, PC, PET, PBT, PMMA, POM, PE, PP, TPO, ASA, ABS
EVERSTAB 1577 EVERSTAB 1577 G		2-(diphenyl-1,3,5-triazin-2-yl)-5-(hexyloxy)phenol CAS NO: 147315-50-2 Molecular Formula: C ₂₇ H ₂₇ N ₃ O ₂ Purity: ≥ 99 % Molecular Weight: 425,52 g/mol		Melting range 147 - 151 °C	Polycarbonates, polyesters, resins

1.5 BENZOPHENONES


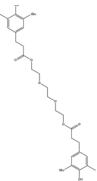

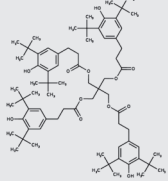

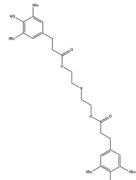

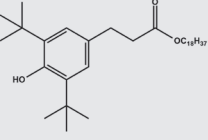

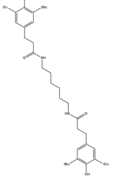

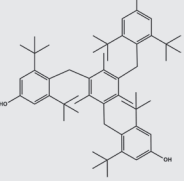

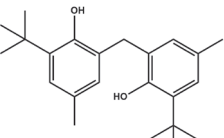

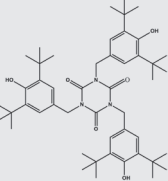
BRAND NAME	STOCK	CHEMICAL NAME	CHEMICAL STRUCTURE	CHEMICAL PROPERTIES	APPLICATION AND USE
EVERSTAB B81		[2-hydroxy-4-(octyloxy)phenyl]phenylmethanone CAS NO: 1843-05-6 Molecular Formula: C ₂₁ H ₂₆ O ₃ Purity: ≥ 99 % Molecular Weight: 326,43 g/mol		Melting range 47 - 49 °C	Polyolefins especially for films used in agricultural applications; plasticized PVC and coating

1.6 HALS


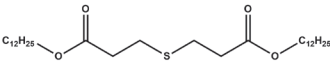

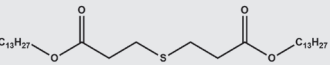

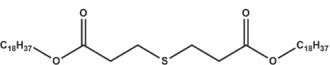
BRAND NAME	STOCK	CHEMICAL NAME	CHEMICAL STRUCTURE	CHEMICAL PROPERTIES	APPLICATION AND USE
EVERSTAB 119 G		N,N',N'',N'''-tetrakis(4,6-s-butyl-(N-methyl-2,2,6,6-tetramethylpiperidin-4-yl)amino)triazin-2-yl)-4,7-diazadecane-1,10-diamine CAS NO: 106990-43-6 Molecular Formula: C ₁₃₂ H ₂₅₀ N ₃₂ Purity: ≥ 99 % Molecular Weight: 2285,60 g/mol		Melting range 115 - 150 °C	Polyolefins, polypropylene fibers and polyethylene-based agricultural films, styrenic polymers (ABS, ASA), polyamides (especially fibers), thermoplastic polyurethanes (TPU), polyacetal, and powder coating
EVERSTAB 292		Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate CAS NO: 1065336-91-5 Purity: ≥ 96 %		Viscosity (20°C): 478 mm ² /s	Coatings, acrylics, alkyds and polyesters, styrenes, acrylics, polypropylene, polyethylene, unsaturated polyesters, polyurethane, elastomers and vinyl monomers (PVB and PVC)
EVERSTAB 622		Butanedioic acid, 1,4-dimethyl ester, polymer with 4-hydroxy-2,2,6,6-tetramethyl-1-piperidineethanol CAS NO: 65447-77-0 Repeating Unit Formula: (C ₁₄ H ₂₅ O ₄ N) _n Molecular Weight: 3100-4000 g/mol		Softening range 50 - 70 °C	Polyolefins, POM, PMMA, PA, PU, UPES, TS powder, for coatings, plasticized PVC, SBS, SIS, hot melt adhesives, fibers
EVERSTAB 770		Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate CAS NO: 52829-07-9 Molecular Formula: C ₂₈ H ₅₂ N ₂ O ₄ Purity: ≥ 99 % Molecular Weight: 480,72 g/mol		Melting range 80 - 86 °C	PP, TPO, PS, HIPS, SAN, ASA, ABS, PU, PA, polyacetals
EVERSTAB 944		1,6-Hexanediamine, N1,N6-bis(2,2,6,6-tetramethyl-4-piperidyl)-, polymer with 2,4,6-trichloro-1,3,5-triazine, reaction products with 2,4,4-trimethyl-2-pentanamine CAS NO: 70624-18-9 Molecular Weight: 2100-3000 g/mol		Melting range 100 - 135 °C	Polyolefins, PU, PVC, PA, POM
EVERSTAB 3346		1,6-Hexanediamine, N1,N6-bis(2,2,6,6-tetramethyl-4-piperidyl)-, polymer with 2,4-dichloro-6-(4-morpholinyl)-1,3,5-triazine CAS NO: 82451-48-7 Repeating Unit Formula: (C ₃₁ H ₅₆ N ₈ O) _n Molecular Weight: 1450-1750 g/mol		Melting range 110 - 130 °C	PE, PP, PS, PA, PU, flexible PVC, rigid PVC, synthetic elastomer, adhesive

2. ANTIOXIDANTS


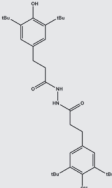
2.1 PHENOLICS

BRAND NAME	STOCK	CHEMICAL NAME	CHEMICAL STRUCTURE	CHEMICAL PROPERTIES	APPLICATION AND USE
EVEROX 245		Ethylenebis(oxyethylene) bis[3-(5-tert-butyl-4-hydroxy-m-tolyl)propionate] CAS NO: 36443-68-2 Molecular Formula: C ₃₄ H ₅₀ O ₈ Molecular Weight: 586,8 g/mol		Melting range 76 - 79 °C	Impact-modified PS, ABS, MBS, SB, SBR-latexes, POM homo- and copolymers, polyurethanes, polyamides, thermoplastic polyesters, PVC and other polymers
EVEROX 1010		Pentaerythritol tetrakis (3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate) CAS NO: 6683-19-8 Molecular Formula: C ₇₃ H ₁₀₈ O ₁₂ Purity: ≥ 98% Molecular Weight: 1177,6 g/mol		Melting range 110 - 125 °C	Polyolefins homo- and copolymers, POM, PA, PES, PUR, PVC, HIPS, ABS, EPDM, latex, SBS/SIS, IIR
EVEROX 1035		Thiodiethylene bis [3-(3,5-di-tert-butyl-4-Hydroxyphenyl)propionate] CAS NO: 41484-35-9 Molecular Formula: C ₃₈ H ₅₈ O ₆ S Purity: ≥ 98 % Molecular Weight: 642,9 g/mol		Melting range 63 - 82 °C	Wire and cable resin containing carbon black, LDPE, cable, XLPE cable, high impact polystyrene, polypropylene, acrylonitrile / butadiene / styrene copolymer, polyvinyl acetate, polyurethane elastomer, hot melt adhesive
EVEROX 1076		Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate CAS NO: 2082-79-3 Molecular Formula: C ₃₅ H ₆₂ O ₃ Purity: ≥ 98 % Molecular Weight: 530,86 g/mol		Melting range 50 - 55 °C	Waxes plasticizers, elastomers, binder for coating and "offset" printing inks and for thermoplastic resins
EVEROX 1098		N,N'-hexane-1,6-diylbis [3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionamide] CAS NO: 23128-74-7 Molecular Formula: C ₄₀ H ₆₄ N ₂ O ₄ Purity: ≥ 98 % Molecular Weight: 636,95 g/mol		Melting range 156 - 161 °C	Thermoplastic resins, synthetic fibers, elastomers, HM adhesives, aliphatic polyamidic resins, polyacetals, polyesters, polyurethanes
EVEROX 1330		3,3',3'',5,5',5''-hexa-tert-butyl-α,α',α''-(mesitylene-2,4,6-triyl)tri-p-cresol CAS NO: 1709-70-2 Molecular Formula: C ₅₄ H ₇₈ O ₃ Purity: ≥ 98 % Molecular Weight: 775,21 g/mol		Melting range 240 - 245 °C	Polyethylene, polypropylene, polybutene, linear polyesters, polyamides, and styrene homo- and copolymers, PVC, polyurethanes, elastomers, adhesives
EVEROX 2246		6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol CAS NO: 119-47-1 Molecular Formula: C ₂₃ H ₃₂ O ₂ Molecular Weight: 340,5 g/mol		Melting range 123 - 128 °C	PE,PP,ABS, PVC
EVEROX 3114		1,3,5-tris(3,5-di-tert-butyl-4-hydroxybenzyl)-1,3,5-triazine-2,4,6-trione CAS NO: 27676-62-6 Molecular Formula: C ₄₈ H ₆₉ N ₃ O ₆ Molecular Weight: 784,08 g/mol		Melting range 218 - 219 °C	Polyolefins, polypropylene fiber and films, polypropylene or propylene-olefin copolymer (PP)


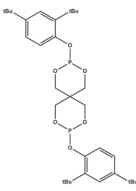

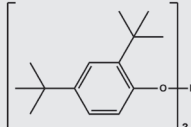
2.2 THIOESTERS

BRAND NAME	STOCK	CHEMICAL NAME	CHEMICAL STRUCTURE	CHEMICAL PROPERTIES	APPLICATION AND USE
EVEROX 1800		Didodecyl 3,3'-thiodipropionate CAS NO: 123-28-4 Molecular Formula: C ₃₀ H ₅₈ O ₄ S Purity: ≥ 93% Molecular Weight: 514,84 g/mol		Melting range 39 - 42 °C	PE and polyolefin, PVC, acrylic resins, ABS resins, other plastic materials, lubricant oils
EVEROX 1801		Di(tridecyl) 3,3'-thiodipropionate CAS NO: 10595-72-9 Molecular Formula: C ₃₂ H ₆₂ O ₄ S Purity: ≥ 93% Molecular Weight: 542,89 g/mol		Viscosity (25°C): 55 cP	Polystyrene, ABS, rubbers
EVEROX 1802		Dioctadecyl 3,3'-thiodipropionate CAS NO: 693-36-7 Molecular Formula: C ₄₂ H ₈₂ O ₄ S Purity: ≥ 93% Molecular Weight: 683,16 g/mol		Melting range 63 - 70 °C	Polyolefins, TPE, styrene copolymers (ABS, MBS)

2.3 METAL DEACTIVATOR

BRAND NAME	STOCK	CHEMICAL NAME	CHEMICAL STRUCTURE	CHEMICAL PROPERTIES	APPLICATION AND USE
EVEROX 1024		2',3-bis[[3-[3,5-di-tert-butyl-4-hydroxyphenyl]propionyl]] propionhydrazide CAS NO: 32687-78-8 Molecular Formula: C ₃₄ H ₅₂ N ₂ O ₄ Purity: ≥ 98 % Molecular Weight: 552,79 g/mol		Melting range 221 - 232 °C	Elastomers and polyolefins, PA, TPU

2.4 PHOSPHITES

BRAND NAME	STOCK	CHEMICAL NAME	CHEMICAL STRUCTURE	CHEMICAL PROPERTIES	APPLICATION AND USE
EVEROX 626		3,9-bis(2,4-di-tert-butylphenoxy)-2,4,8,10-tetraoxa-3,9-diphosphaspiro [5.5]undecane CAS NO: 26741-53-7 Molecular Formula: C ₃₃ H ₅₀ O ₆ P ₂ Purity: ≥ 95 % Molecular Weight: 604,69 g/mol		Melting range 170 - 180 °C	PE, PP, PS, PA, PC, ABS
EVEROX 1680		Tris(2,4-di-tertbutylphenyl) phosphite CAS NO: 31570-04-4 Molecular Formula: C ₄₂ H ₆₃ O ₃ P Purity: ≥ 99 % Molecular Weight: 646,921 g/mol		Melting range 183-187 °C	Polyolefins, styrene homo- and co-polymers, TPE, HM adhesives

3. BLENDS


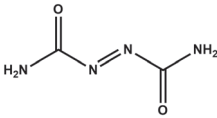

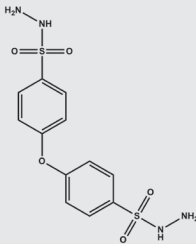


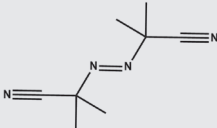
Are also available blends of Antioxidants (like EVEROX 2150, EVEROX 225, EVEROX B900, etc.) and blends of UV-Stabilizers/HALS (like EVERSTAB 783, 791, etc.).

Phenol-Phosphite blends are available upon request.




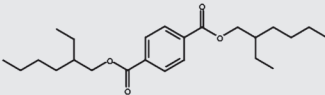

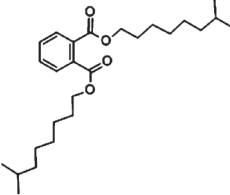

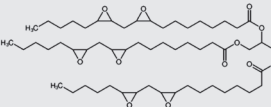

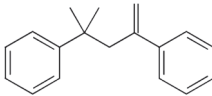
If you don't find the desired product in this product guide, don't hesitate to contact us by phone or mail. We are at your disposal to find the proper solution to all your needs.

4. BLOWING AGENTS

BENZOTRIAZOLES

BRAND NAME	STOCK	CHEMICAL NAME	CHEMICAL STRUCTURE	CHEMICAL PROPERTIES	APPLICATION AND USE
EVERFOAM SERIE		C,C'-azodi(formamide) CAS NO: 123-77-3 Molecular Formula: C ₂ H ₄ N ₄ O ₂ Purity: ≥ 97 % Molecular Weight: 116,08 g/mol		Decomposition temperature ≥ 200 °C	PVC, PS, PE, PP, EVA, TPR, rubber
EVERFOAM OBSH NE		4,4'-oxydi(benzenesulphonohydrazide) CAS NO: 80-51-3 Molecular Formula: C ₁₂ H ₁₄ N ₄ O ₅ S ₂ Purity: > 86% Molecular Weight: 358,39 g/mol		Decomposition temperature ≥ 155 °C	Rigid and flexible PVC, rubber, thermoplastic resins, thermosetting resins
EVERFOAM K SERIE		C,C'-azodi(formamide) modified	Proprietary formulation TAYLOR MADE	-	PVC, PS, PE, PP, EVA, TPR, rubber
EVERFOAM AZDN		2,2'-dimethyl-2,2'-azodipropionitrile CAS NO: 78-67-1 Molecular Formula: C ₈ H ₁₂ N ₄ Purity: ≥ 99 % Molecular Weight: 164,21 g/mol		Melting range 99 - 104 °C	PVC and rubber

5. OTHERS

BRAND NAME	STOCK	CHEMICAL NAME	CHEMICAL STRUCTURE	CHEMICAL PROPERTIES	APPLICATION AND USE
EVERTITAN SERIES		Titanium dioxide CAS NO: 13463-67-7 Molecular Formula: TiO ₂ Molecular Weight: 79,87 g/mol		-	PVC, PS, PE, PP, EVA, TPR, rubber
DOTP		1,4-bis(2-ethylhexyl) benzene-1,4-dicarboxylate CAS NO: 6422-86-2 Molecular Formula: C ₂₄ H ₃₈ O ₄ Purity: ≥ 99 % Molecular Weight: 390,56 g/mol		Viscosity (25°C): 65,8 cP	PVC and rubber
DINP		Diisononyl phthalate CAS NO: 28553-12-0 Molecular Formula: C ₂₆ H ₄₂ O ₄ Purity: ≥ 99 % Molecular Weight: 418,61 g/mol		Viscosity (20°C): 72 - 82 cP	PVC, rubbers, paints, adhesives
EPOXIDIZED SOYBEAN OIL (ESO)		Soybean oil, epoxidized CAS NO: 8013-07-8		Viscosity (25°C): 350 - 650 cP	PVC, paint, coatings, adhesives.
EVK AMS DIMER		2,4-diphenyl-4-methyl-1-pentene CAS NO: 6362-80-7 Molecular Formula: C ₁₈ H ₂₀ Purity: ≥92% Molecular Weight: 236,34 g/mol		Viscosity (20°C): 18 cP	Polystyrene, ABS, AS, EPS, Rubber, coating, PE



Available on the Italian Stock - Prompt Delivery



Available upon request



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