

Nitrosamine-free/Safe products range

EKALAND™ VULTAC® MIXLAND+®

EKALAND™	CHEMICAL NAME	NA FREE	NA SAFE	CAN REPLACE	USED WITH
DATU LI (*)	BLEND OF DIALKYL THIOUREAS	X			CR
DBTU CRA	1,3-DIBUTYL-2-THIOUREA	X			NR, SBR, NBR, IR, BR, CR
DETU CR	1,3-DIETHYL-2-THIOUREA	X			CR, NR, SBR, NBR, EPDM
DMTU CR (*)	1,3-DIMETHYL-2-THIOUREA	X			CR
DOTG C	1,3-DI-O-TOLYLGUANIDINE	X			CR, NR, SBR
DPG PD/C/GC	1,3-DIPHENYLGUANIDINE	X			NR, SBR, BR, CR, NBR
DPTU PD	1,3-DIPHENYL-2-THIOUREA	X			NR, SBR, NBR, EPDM
ETU C	IMIDAZOLIDINE-2-THIONE	X		ETU (in EPDM compounds)	CR, CSM, CO, EPDM
PPDN 30 DX/NDX/35 HU	POLY-PARADINITROBENZENE	X		TDEC in EPDM	For adhesion systems
SD C (*)	5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE	X		ETU	CR, CSM, CO, EPDM
TBZTD C/PD	THIOPEROXYDICARBONIC DIAMIDE		X	TMTD, TMTM	CR, NR, IR, BR, SBR, NBR, EPDM
ZBEC C/PD	ZINC BIS(DIBENZYLDITHIOCARBAMATE)		X	ZDMC, ZDEC, ZDBC	NR, SBR, NBR, IR, BR, CR, EPDM

(*) Available only on request

VULTAC®	CHEMICAL NAME	NA FREE	NA SAFE	CAN REPLACE	USED WITH
VULTAC 2	PARA TERTIOAMYLPHENOL DISULFIDE	X		DTDM, TMTD, OTOS	NR, SBR, NBR
VULTAC 3	PARA TERTIOAMYLPHENOL DISULFIDE POLYMER	X		Phenolic resins	BIIR, CIIR, EXXPRO in pharma
VULTAC 5	MIXTURE OF PARA TERTIOAMYLPHENOL DISULFIDE POLYMER WITH SILICAGEL	X		DTDM, TMTD, OTOS	NR, SBR, NBR, CIIR, BIIR
VULTAC 710	MIXTURE OF PARA TERTIOAMYLPHENOL DISULFIDE POLYMER WITH STEARIC ACID	X		Phenolic resins	BIIR, CIIR, EXXPRO in pharma
VULTAC TB7	PARA TERTIOBUTYLPHENOL DISULFIDE POLYMER	X		DTDM, TMTD, OTOS, 6PPD	NR, SBR, NBR, BIIR, CIIR
VULTAC TB710	MIXTURE OF PARA TERTIOBUTYLPHENOL DISULFIDE POLYMER WITH STEARIC ACID	X		DTDM, TMTD, OTOS	NR, SBR, NBR, BIIR, CIIR

MIXLAND+®	CHEMICAL NAME	NA FREE	NA SAFE	CAN REPLACE	USED WITH
CBS	N-CYCLOHEXYLBENZOTHIAZOLE-2-SULFENAMIDE	X		MBS, DCBS, TBBS	NR, IR, BR, SBR, NBR, IIR, EPDM
CTPI (*)	N-CYCLOHEXYLTHIOPHTALIMIDE	X			NR, SBR, NBR, IR, BR, CR, EPDM
DETU	1,3-DIETHYL-2-THIOUREA	X			CR, NR, SBR, NBR, EPDM
DOTG	1,3 DI-O-TOLYLGUANIDINE	X			CR, NR, SBR, ACM
DPG	1,3-DIPHENYLGUANIDINE	X			NR, SBR, BR, CR, NBR
ETU	IMIDAZOLIDINE-2-THIONE	X			CR, CSM, CO, EPDM
HMT	HEXAMETHYLENETETRAMINE	X			CR, EPDM, SBR, BR, NBR
MBT	BENZOTHIAZOLE-2-THIOL	X		MBS, TBBS	NR, IR, BR, SBR, NBR, IIR, EPDM
MBTS	DI(BENZOTHIAZOL-2-YL) DISULPHIDE	X		MBS, TBBS	NR, IR, SBR, BR, NBR, EPDM, CR
MMBI (*)	1,3-DIHYDRO-4(OR 5)-METHYL-2H-BENZIMIDAZOLE-2-THIONE	X			NR, IR, BR, SBR, NBR
PBS-R	N-PHENYL-N-[(TRICHLOROMETHYL)THIO]BENZENESULPHONAMIDE	X			NR, SBR, EPDM, BR, IR, NBR
SOUFRE	SULFUR	X			NR, SBR, EPDM, BR, IR, NBR, CR
SD	5,5'-DITHIO-1,3,4-THIADIAZOLE-2(3H)-THIONE	X		ETU	CR, EPDM, NR, NBR, SBR
TBBS	N-TERT-BUTYLBENZOTHIAZOLE-2-SULPHENAMIDE	X		MBS	NR, IR, SBR, BR, NBR, EPDM
TBP 75	PHENOL, 4-(1,1-DIMETHYLETHYL)-, POLYMER WITH SULFUR CHLORIDE	X		TMTD, sulfur donors, OTOS	NR, IR, SBR, NBR, EPDM
TBzTD	THIOPEROXYDICARBONIC DIAMIDE		X	TMTD, TMTM	NR, IR, BR, SBR, NBR, EPDM
ZBEC	ZINC BIS(DIBENZYLDITHIOCARBAMATE)		X	ZDMC, ZDBC, ZDEC	NR, SBR, NBR, IR, BR, CR, EPDM
ZDTP	PHOSPHORODITHIOIC ACID, MIXED O, O-BIS(2-ETHYLHEXYL AND ISO-BU AND ISO-PR) ESTERS, ZINC SALTS	X		Dithiocarbamates+Sulfur donors	NR, SBR, NBR, IR, BR, EPDM
ZnO	ZINC OXIDE	X			Various rubbers

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