

# 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	DIBUTYL THIOUREA	X			NR, SBR, NBR, IR, BR, CR
DETU CR	DIETHYL THIOUREA	X			CR, NR, SBR, NBR, EPDM
DMTU CR (*)	DIMETHYL THIOUREA	X			CR
DOTG C	DIORTHOTOLYL GUANIDINE	X			CR, NR, SBR
DPG PD/C/GC	DIPHENYL GUANIDINE	X			NR, SBR, BR, CR, NBR
DPTU PD	DIPHENYL THIOUREA	X			NR, SBR, NBR, EPDM
ETU C	ETHYLENE THIOUREA	X		ETU (in EPDM compounds)	CR, CSM, CO, EPDM
PPDN 30 DX/NDX/35 HU	POLY-PARADINITROSOBENZENE	X		TDEC in EPDM	For adhesion systems
SD C (*)	BIS DIMERCAPTOTHIA DIAZOLE	X		ETU	CR, CSM, CO, EPDM
TBZTD C/PD	TETRABENZYL THIURAM DISULFIDE		X	TMTD, TMTM	CR, NR, IR, BR, SBR, NBR, EPDM
ZBEC C/PD	ZINC DIBENZYL DITHIOCARBAMATE		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-CYCLOHEXYLBENZOTHAZOLE-2-SULFENAMIDE	X		MBS, DCBS, TBBS	NR, IR, BR, SBR, NBR, IIR, EPDM
CTPI (*)	N-CYCLOHEXYLTHIO PHTALIMIDE	X			NR, SBR, NBR, IR, BR, CR, EPDM
DETU	DIETHYL THIOUREA	X			CR, NR, SBR, NBR, EPDM
DOTG	DIORTHOTOLYL GUANIDINE	X			CR, NR, SBR, ACM
DPG	DIPHENYL GUANIDINE	X			NR, SBR, BR, CR, NBR
ETU	ETHYLENE THIOUREA	X			CR, CSM, CO, EPDM
HMT	HEXAMETHYLENE-TETRAMINE	X			CR, EPDM, SBR, BR, NBR
MBT	2-MERCAPTOBENZOTHAZOLE	X		MBS, TBBS	NR, IR, BR, SBR, NBR, IIR, EPDM
MBTS	MERCAPTOBENZOTHAZOLE DISULFIDE	X		MBS, TBBS	NR, IR, SBR, BR, NBR, EPDM, CR
MMBI (*)	(4 / 5)-METHYL-2-MERCAPTOBENZIMIDAZOLE	X			NR, IR, BR, SBR, NBR
PBS-R	N-PHENYL-N (TRICHLOROMETHYLSULFENYL)-BENZENESULFONAMIDE	X			NR, SBR, EPDM, BR, IR, NBR
SOUFRE	SULFUR	X			NR, SBR, EPDM, BR, IR, NBR, CR
SD	BIS DIMERCAPTOTHIA DIAZOLE	X		ETU	CR, EPDM, NR, NBR, SBR
TBBS	N-TERT-BUTYL-2-BENZOTHAZOLE SULFENAMIDE	X		MBS	NR, IR, SBR, BR, NBR, EPDM
TBP 75	POLY-TERT-BUTYLPHENOLDISULFIDE	X		TMTD, sulfur donors, OTOS	NR, IR, SBR, NBR, EPDM
TBzTD	TETRABENZYL THIURAM DISULFIDE		X	TMTD, TMTM	NR, IR, BR, SBR, NBR, EPDM
ZBEC	ZINC DIBENZYL DITHIOCARBAMATE		X	ZDMC, ZDBC, ZDEC	NR, SBR, NBR, IR, BR, CR, EPDM
ZBOP (*)	ZINC OCTYL DITHIOPHOSPHATE	X			NR, SBR, NBR, IR, BR, EPDM
ZDTP	ZINC ALKYL DITHIOPHOSPHATE	X		Dithiocarbamates+Sulfur donors	NR, SBR, NBR, IR, BR, EPDM
ZnO	ZINC OXIDE	X			Various rubbers

(\*) Available only on request