

# RUDOLF-products from an ecological point of view - version 33

According to our current state of knowledge, the products of RUDOLF GmbH Geretsried listed below do not contain in their recipes any:

- Phthalates
- Brominated and chlorinated flame retardants
- Azo dyes
- Organotin components
- Chlorobenzenes
- Chlorinated solvents
- Chlorophenols
- Short-chain chlorinated paraffins
- Heavy metals
- APEOs / NPEs
- Chlorine-organic carriers
- Pesticides
- Potassium dichromate
- Dimethylfumarate
- Dimethylformamide
- Aromatic amines
- Bisphenol

Please also take account of the notes following the list !

Name	Match code	COD	BOD <sub>5</sub>	Elimination (OECD 302 B) [%]	Suitable for OEKO-TEX® <sup>1</sup>	Suitable OEKO-TEX Product class <sup>1</sup>
FERAN®	ASR	460	< 10	> 90	yes	I - IV
FERAN®	ICA	280	30	> 90	yes	I - IV
FERAN®	ICE	340	30	> 90	yes	I - IV
FERAN®	ICS	510	40	> 90	yes	I - IV
FERAN®	SSF CONC	< 10	< 10	-	yes	I - IV
FERAN®	SSG 200	70	< 10	> 90	yes	I - IV
FERAN®	SSG 300	80	< 10	> 90	yes	I - IV
FERAN®	SSG CONC	70	< 10	> 90	yes	I - IV
FERAN®	SVP NEW	> 90	220	30	yes	I - IV
FERAN®	X-GU	650	150	> 80	yes	I - IV
FERAN®	X-SSG 200	70	< 10	> 90	yes	I - IV
HYDROCOL®	AFF	440	< 10	20 - 70	yes	I - IV
HYDROCOL®	APK	570	< 10	20 - 70	yes	I - IV

Name	Match code	COD	BOD <sub>5</sub>	Elimination (OECD 302 B) [%]	Suitable for OEKO-TEX® <sup>1</sup>	Suitable OEKO-TEX Product class <sup>1</sup>
HYDROCOL®	APR	440	< 10	20 - 70	yes	I - IV
HYDROCOL®	ARD	690	60	> 50	yes	I - IV
HYDROCOL®	HOT	220	< 10	> 20	yes	I - IV
HYDROCOL®	KAE	240	10	< 40	yes	I - IV
HYDROCOL®	KAE 360	650	< 10	50	yes	I - IV
HYDROCOL®	KAN	150	< 10	> 20	yes	I - IV
HYDROCOL®	KCI	430	< 10	> 20	yes	I - IV
HYDROCOL®	KDF	1060	180	> 80	yes	I - IV
HYDROCOL®	KNI	190	< 10	30	yes	I - IV
HYDROCOL®	KTQ	760	30	> 70	yes	I - IV
HYDROCOL®	SCL	760	190	> 80	yes	II - IV <sup>4</sup>
HYDROCOL®	SIC	1830	70	> 70	yes	II - IV <sup>4</sup>
HYDROCOL®	SIC SPEC	1030	220	> 70	yes	II - IV <sup>4</sup>
HYDROCOL®	SID	540	60	> 80	yes	II - IV <sup>4</sup>
HYDROCOL®	SUN	170	< 10	< 20	yes	I - IV
HYDROCOL®	SUN 200	170	< 10	25 - 50	yes	I - IV
HYDROCOL®	SVN	850	100	> 80	yes	II - IV <sup>4</sup>
HYDROCOL®	WRF NEW	660	30	> 70	yes	I - IV
HYDROCOL®	X-KNI	190	< 10	30	yes	I - IV
HYDROCOL®	X-WRF NEW	660	30	> 70	yes	I - IV
PERRUSTOL®	AST NEW	580	200	> 60	yes	I - IV
PERRUSTOL®	CCA	610	130	> 80	yes	I - IV
PERRUSTOL®	CCA 500	n.a.	n.a.	> 70	yes	I - IV
PERRUSTOL®	CCF	n.a.	n.a.	> 70	yes	I - IV
PERRUSTOL®	HIS	340	110	> 80	yes	I - IV
PERRUSTOL®	HNS NEW	260	120	> 80	yes	I - IV
PERRUSTOL®	IMA NEW	n.a.	n.a.	> 80	yes	I - IV
PERRUSTOL®	IPS 500 NEW	n.a.	n.a.	> 70	yes	I - IV
PERRUSTOL®	IPS NEW	510	100	> 70	yes	I - IV
PERRUSTOL®	MMU NEW	510	150	> 80	yes	I - IV

Name	Match code	COD	BOD <sub>5</sub>	Elimination (OECD 302 B) [%]	Suitable for OEKO-TEX® <sup>1</sup>	Suitable OEKO-TEX Product class <sup>1</sup>
PERRUSTOL®	MMX	520	250	> 80	yes	I - IV
PERRUSTOL®	MMX CONC	n.a.	n.a.	> 80	yes	I - IV
PERRUSTOL®	RPP	570	280	> 80	yes	I - IV
PERRUSTOL®	SHM	550	< 10	> 90	yes	I - IV
PERRUSTOL®	TIC 500	n.a.	n.a.	> 70	yes	I - IV
PERRUSTOL®	VNO 500 NEW	n.a.	n.a.	> 70	yes	I - IV
PERRUSTOL®	VNO NEW	480	80	> 70	yes	I - IV
PERRUSTOL®	WDD NEW	690	70	> 80	yes	I - IV
PERRUSTOL®	X-IPS NEW	510	100	> 70	yes	I - IV
PERRUSTOL®	X-IPS 500 NEW	n.a.	n.a.	> 70	yes	I - IV
PERRUSTOL®	X-VNO NEW	480	80	> 70	yes	I - IV
PERRUSTOL®	X-VNO 500 NEW	n.a.	n.a.	> 70	yes	I - IV
RUCO®-ACID	ABS	120	60	> 90	yes	I - IV
RUCO®-ACID	ABS 200	250	130	> 90	yes	I - IV
RUCO®-ACID	ASC	250	130	> 90	yes	I - IV
RUCO®-ACID	BIP	400	200	> 90	yes	I - IV
RUCO®-ACID	BSA	200	20	> 90	yes	I - IV
RUCO®-ACID	BSF	220	10	> 80	yes	I - IV
RUCO®-ACID	CSS	200	10	> 90	yes	I - IV
RUCO®-ACID	FDB	1020	420	> 90	yes	I - IV
RUCO®-ACID	GBN	1350	630	> 80	yes	I - IV
RUCO®-ACID	GBS	1030	450	> 80	yes	I - IV
RUCO®-ACID	NYL	1020	420	> 90	yes	I - IV
RUCO®-ACID	NYL 200	1030	450	> 80	yes	I - IV
RUCO®-ACID	RBT	350	170	> 90	yes	I - IV
RUCO®-BAC	AGL	130	90	> 80	yes	I - IV <sup>7)</sup>
RUCO®-BAC	AGP	110	60	> 80	yes	I - IV <sup>7)</sup>
RUCO®-BAC	HSA CONC	ca. 2200	n.a.	> 90	yes	I - IV <sup>7)</sup>
RUCO®-BAC	ZPY	n.a.	n.a.	-	yes	I - IV <sup>7)</sup>
RUCO-BLANC®	ABH	260	20	> 80	yes	I - IV

Name	Match code	COD	BOD <sub>5</sub>	Elimination (OECD 302 B) [%]	Suitable for OEKO-TEX® <sup>1</sup>	Suitable OEKO-TEX Product class <sup>1</sup>
RUCO-BLANC®	ADE	445	451	> 80	yes	I - IV
RUCO-BLANC®	AMA	290	< 10	< 30	yes	I - IV
RUCO-BLANC®	AMA 375	1100	140	10 - 25	yes	I - IV
RUCO-BLANC®	AMR	529	0	10 - 25	yes	I - IV
RUCO-BLANC®	ANF	880	0	10 - 25	yes	I - IV
RUCO-BLANC®	AWL	1990	540	> 80	yes	I - IV
RUCO-BLANC®	OAB	n.a.	n.a.	20 - 70	yes	I - IV
RUCO-BLANC®	OBC	n.a.	n.a.	20 - 70	yes	I - IV
RUCO-BLANC®	OBI	370	< 10	20 - 50	yes	I - IV
RUCO-BLANC®	OBL	730	140	> 80	yes	I - IV
RUCO-BLANC®	OLF	475	0	> 60	yes	I - IV
RUCO-BLANC®	ORH	n.a.	n.a.	20 - 50	yes	I - IV
RUCO®-BOND	HFR	1710	430	> 70	yes	I - IV
RUCO®-BOND	PHA	n.a.	n.a.	> 70	yes	I - IV
RUCO®-CAT	MCC	70	50	> 90	yes	I - IV
RUCO®-CLEANER	MAL	470	20	< 60	yes	I - IV
RUCO®-CLEANER	MS	440	190	> 90	yes	I - IV
RUCO®-CLEANER	MU	900	80	> 60	yes	I - IV
RUCO®-CLEANER	MUB PLUS	n.a.	n.a.	> 95	yes	I - IV
RUCO®-CLEANER	MUS	930	40	> 30	yes	I - IV
RUCO®-CLEANER	RAC	690	40	> 80	yes	I - IV
RUCO®-CLEANER	VB 133	460	190	> 90	yes	I - IV
RUCO®-COAT	AC 2510	n.a.	n.a.	-	yes	I - IV
RUCO®-COAT	AC 7610	n.a.	n.a.	> 70	yes	I - IV
RUCO®-COAT	ACF	n.a.	n.a.	-	yes	I - IV
RUCO®-COAT	AD 7005	710	70	> 80	yes	I - IV
RUCO®-COAT	AD 7021	1015	150	> 60	yes	I - IV
RUCO®-COAT	AD 7050	n.a.	n.a.	80 - 100	yes	I - IV
RUCO®-COAT	AD 7070	n.a.	n.a.	50	yes	I - IV
RUCO®-COAT	AD 7090	280	10	> 40	yes	I - IV

Name	Match code	COD	BOD <sub>5</sub>	Elimination (OECD 302 B) [%]	Suitable for OEKO-TEX® <sup>(1)</sup>	Suitable OEKO-TEX Product class <sup>(1)</sup>
RUCO®-COAT	AD 7100	n.a.	n.a.	-	yes	I - IV
RUCO®-COAT	AV 7730	n.a.	n.a.	-	yes	I - IV
RUCO®-COAT	BC 6040	460	20	> 70	yes	II - IV <sup>(3/5)</sup>
RUCO®-COAT	BC 6041	380	20	> 80	yes	II - IV <sup>(3)</sup>
RUCO®-COAT	BC 7060	590	110	> 80	yes	I - IV
RUCO®-COAT	BC 7061 NEW	630	100	> 80	yes	I - IV
RUCO®-COAT	BC 7065	630	100	> 80	yes	I - IV
RUCO®-COAT	BC 7068	610	< 10	> 70	yes	I - IV
RUCO®-COAT	DA 3500	2030	330	> 90	yes	I - IV
RUCO®-COAT	DA 3700	1290	440	> 80	yes	I - IV
RUCO®-COAT	EC 2811	760	< 10	-	yes	I - IV
RUCO®-COAT	EC 4811	710	50	> 70	yes	I - IV
RUCO®-COAT	ECC NEW	850	< 10	> 70	yes	I - IV
RUCO®-COAT	DA 3500	2030	330	> 90	yes	I - IV
RUCO®-COAT	FC 6005	500	140	> 80	yes	II - IV <sup>(3)</sup>
RUCO®-COAT	FC 6009	n.a.	n.a.	> 80	yes	II - IV <sup>(3)</sup>
RUCO®-COAT	FC 6020	n.a.	n.a.	> 80	yes	II - IV <sup>(3)</sup>
RUCO®-COAT	FC 6021	n.a.	n.a.	> 80	yes	II - IV <sup>(3)</sup>
RUCO®-COAT	FC 6025	n.a.	n.a.	> 80	yes	II - IV <sup>(3)</sup>
RUCO®-COAT	FC 6035	700	< 10	> 80	yes	II - IV <sup>(3)</sup>
RUCO®-COAT	FC 6105	610	< 10	> 80	yes	II - IV <sup>(3)</sup>
RUCO®-COAT	FC 6111	440	< 10	> 80	yes	II - IV <sup>(3)</sup>
RUCO®-COAT	FO 2000	800	500	> 70	yes	I - IV
RUCO®-COAT	FO 4010	n.a.	n.a.	> 80	yes	I - IV
RUCO®-COAT	FO 4010	n.a.	n.a.	> 80	yes	I - IV
RUCO®-COAT	FX 8011	730	20	> 60	yes	I - IV
RUCO®-COAT	FX 8021	n.a.	n.a.	> 60	yes	I - IV
RUCO®-COAT	FX 8031	490	30	> 80	yes	I - IV
RUCO®-COAT	FX 8041	880	20	> 80	yes	I - IV
RUCO®-COAT	FX 8051	n.a.	n.a.	> 70	yes	I - IV

Name	Match code	COD	BOD <sub>5</sub>	Elimination (OECD 302 B) [%]	Suitable for OEKO-TEX® <sup>1</sup>	Suitable OEKO-TEX Product class <sup>1</sup>
RUCO®-COAT	KLE	230	< 10	> 90	yes	I - IV
RUCO®-COAT	PEH	390	20	> 70	yes	I - IV
RUCO®-COAT	PU 1130	840	< 10	< 30	yes	I - IV
RUCO®-COAT	PU 1110	n.a.	n.a.	n.a.	yes	I - IV
RUCO®-COAT	PU 1110	n.a.	n.a.	n.a.	yes	I - IV
RUCO®-COAT	PU 3511	780	30	< 30	yes	I - IV
RUCO®-COAT	PU 5511	n.a.	n.a.	> 60	yes	I - IV
RUCO®-COAT	PU 8521	830	< 10	> 70	yes	I - IV
RUCO®-COAT	PU 8551	760	10	> 50	yes	I - IV
RUCO®-COAT	TH 5005	n.a.	n.a.	< 60	yes	I - IV
RUCO®-COAT	TH 5020	1720	n.a.	< 60	yes	I - IV
RUCO®-COAT	X-ECC NEW	850	< 10	> 70	yes	I - IV
RUCO®-COAT	X-WAX	n.a.	n.a.	> 70	yes	I - IV
RUCO®-DIGITAL	IDP	150	< 10	> 20	yes	I - IV
RUCO®-DRY	AQA	590	110	> 80	yes	I - IV
RUCO®-DRY	BIO CGR	670	< 10	> 70	yes	I - IV
RUCO®-DRY	BIO NPE	670	340	> 70	yes	I - IV
RUCO®-DRY	DFE	580	160	> 70	yes	I - IV
RUCO®-DRY	DFY	650	120	> 70	yes	I - IV <sup>5)</sup>
RUCO®-DRY	DHE	580	160	> 70	yes	I - IV
RUCO®-DRY	DHY	650	120	> 70	yes	I - IV <sup>5)</sup>
RUCO®-DRY	ECO	590	110	> 80	yes	I - IV
RUCO®-DRY	ECO PLUS	590	50	> 80	yes	I - IV
RUCO®-DRY	ECO PSS	450	< 10	> 70	yes	I - IV
RUCO®-DRY	WFF	590	110	> 80	yes	I - IV
RUCO®-DRY	X-ECO ADV	610	< 10	> 70	yes	I - IV
RUCO®-DRY	X-ECO PLUS	590	50	> 80	yes	I - IV
RUCO®-FIL	AMG	340	< 10	> 80	yes	I - IV
RUCO®-FIL	AMG NEW	340	540	> 70	yes	I - IV
RUCO®-FIL	ASG	2170	910	> 90	yes	I - IV

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RUCO®-FIL	ASP	n.a.	n.a.	> 90	yes	I - IV
RUCO®-FIL	ASW	n.a.	n.a.	> 70	yes	I - IV
RUCO®-FIL	AWG	700	190	> 80	yes	I - IV
RUCO®-FIL	AWG-M	670	150	> 80	yes	I - IV
RUCO®-FIL	AWG NEW	n.a.	n.a.	> 80	yes	I - IV
RUCO®-FIL	AWI	800	140	> 80	yes	I - IV
RUCO®-FIL	AWU	870	300	> 80	yes	I - IV
RUCO®-FIL	AWU NEW	470	130	> 80	yes	I - IV
RUCO®-FIL	CNW	1430	780	> 80	yes	I - IV
RUCO®-FIL	CPW	1470	630	> 80	yes	I - IV
RUCO®-FIL	DFF	580	40	> 70	yes	I - IV
RUCO®-FIL	DFW	570	150	> 70	yes	I - IV
RUCO®-FIL	DFC6	n.a.	n.a.	> 80	yes	I - IV <sup>3)</sup>
RUCO®-FIL	LRO CONC	1350	300	> 80	yes	I - IV
RUCO®-FIL	NFW	n.a.	n.a.	> 80	yes	I - IV
RUCO®-FIL	NPH	490	270	> 80	yes	I - IV
RUCO®-FIL	NPH 200	n.a.	n.a.	> 80	yes	I - IV
RUCO®-FIL	NPH CONC	n.a.	n.a.	> 80	yes	I - IV
RUCO®-FIL	PEA NEW	610	370	> 80	yes	I - IV
RUCO®-FIL	SAT	n.a.	n.a.	> 80	yes	I - IV
RUCO®-FIL	SAW	750	140	> 70	yes	I - IV
RUCO®-FIL	SCA	n.a.	n.a.	> 90	yes	I - IV
RUCO®-FIL	SCE	n.a.	n.a.	> 70	yes	I - IV
RUCO®-FIL	SCI	n.a.	n.a.	> 80	yes	I - IV
RUCO®-FIL	SCW	n.a.	n.a.	> 70	yes	I - IV
RUCO®-FIL	SDF6	1020	170	> 80	yes	II - IV <sup>3)</sup>
RUCO®-FIL	SHP	1130	80	> 70	yes	I - IV
RUCO®-FIL	SHQ	n.a.	n.a.	> 80	yes	I - IV
RUCO®-FIL	SNA-R	1210	n.a.	> 70	yes	I - IV
RUCO®-FIL	SNL	980	220	> 80	yes	I - IV

Name	Match code	COD	BOD <sub>5</sub>	Elimination (OECD 302 B) [%]	Suitable for OEKO-TEX® <sup>1</sup>	Suitable OEKO-TEX Product class <sup>1</sup>
RUCO®-FIL	WAX	1980	860	> 70	yes	I - IV
RUCO®-FIL	ZSA NEW	n.a.	n.a.	> 70	yes	I - IV
RUCO®-FRESH	FNB	n.a.	n.a.	> 70	yes	I - IV
RUCO®-SPECIAL	BBD	820	< 10	> 80	yes	I - IV
RUCO®-SPECIAL	BBH	490	40	> 80	yes	I - IV
RUCO®-SPECIAL	DPR	200	20	> 90	yes	I - IV
RUCO®-SPECIAL	LPC	550	50	> 80	yes	I - IV
RUCO®-SPECIAL	LPR	230	< 10	> 95	yes	I - IV
RUCO®-SPECIAL	LSM	260	n.a.	> 70	yes	I - IV
RUCO®-TAC	PVA	220	< 10	> 90	yes	I - IV
RUCOFIN®	AEG	110	< 10	> 80	yes	I - IV
RUCOFIN®	EIQ	620	30	> 80	yes	I - IV
RUCOFIN®	EIQ 230	1230	40	> 80	yes	I - IV
RUCOFIN®	ESQ 200	1020	60	> 80	yes	I - IV
RUCOFIN®	GAA	660	< 10	> 80	yes	I - IV
RUCOFIN®	GES NEW	680	< 10	> 80	yes	I - IV
RUCOFIN®	GLS	n.a.	n.a.	> 70	yes	I - IV
RUCOFIN®	GN	440	30	> 80	yes	I - IV
RUCOFIN®	GNH	660	110	> 80	yes	I - IV
RUCOFIN®	GNH NEW	n.a.	n.a.	> 90	yes	I - IV
RUCOFIN®	GLX	800	< 10	> 70	yes	I - IV
RUCOFIN®	GSP 200 NEW	890	n.a.	> 70	yes	I - IV
RUCOFIN®	GSP NEW	n.a.	n.a.	> 70	yes	I - IV
RUCOFIN®	GSP CONC NEW	n.a.	n.a.	> 70	yes	I - IV
RUCOFIN®	GSQ 200 NEW	1080	40	> 70	yes	I - IV
RUCOFIN®	GSQ NEW	620	20	> 70	yes	I - IV
RUCOFIN®	GWA	480	40	> 80	yes	I - IV
RUCOFIN®	GWA NEW	490	40	> 80	yes	I - IV
RUCOFIN®	GWE	820	< 10	> 80	yes	I - IV
RUCOFIN®	GWG	530	60	> 80	yes	I - IV



Name	Match code	COD	BOD <sub>5</sub>	Elimination (OECD 302 B) [%]	Suitable for OEKO-TEX® <sup>1</sup>	Suitable OEKO-TEX Product class <sup>1</sup>
RUCOFIN®	GWG 200	1090	270	> 80	yes	I - IV
RUCOFIN®	GWM	150	70	> 80	yes	I - IV
RUCOFIN®	GWS	970	80	> 80	yes	I - IV
RUCOFIN®	GWT	600	n.a.	> 80	yes	I - IV
RUCOFIN®	HFL	900	< 10	> 80	yes	I - IV
RUCOFIN®	HHM NEW	390	< 10	> 80	yes	I - IV
RUCOFIN®	HHS NEW	480	< 10	> 80	yes	I - IV
RUCOFIN®	HNX	320	100	> 80	yes	I - IV
RUCOFIN®	HPU	680	10	> 70	yes	I - IV
RUCOFIN®	HSF	590	110	> 80	yes	I - IV
RUCOFIN®	HST	n.a.	n.a.	> 80	yes	I - IV
RUCOFIN®	HSV NEW	380	100	> 80	yes	I - IV
RUCOFIN®	HSX	n.a.	n.a.	> 80	yes	I - IV
RUCOFIN®	LAN NEW	820	140	> 80	yes	I - IV
RUCOFIN®	MAX	420	10	> 80	yes	I - IV
RUCOFIN®	MIN	320	< 10	> 80	yes	I - IV
RUCOFIN®	MIQ NEW	520	40	> 80	yes	I - IV
RUCOFIN®	MWS	910	320	> 80	yes	I - IV
RUCOFIN®	PSO	710	70	> 80	yes	I - IV
RUCOFIN®	RMW	750	100	> 80	yes	I - IV
RUCOFIN®	SHF	540	20	> 80	yes	I - IV
RUCOFIN®	SIQ 230 NEW	1170	n.a.	> 80	yes	I - IV
RUCOFIN®	SIQ NEW	650	< 10	> 80	yes	I - IV
RUCOFIN®	SQS NEW	n.a.	n.a.	> 80	yes	I - IV
RUCOFIN®	STF	n.a.	n.a.	> 80	yes	I - IV
RUCOFIN®	STS	540	< 10	> 80	yes	I - IV
RUCOFIN®	WSC NEW	600	70	> 80	yes	I - IV
RUCOFIN®	WSE NEW	480	140	> 70	yes	I - IV
RUCOFIN®	X-GWE	820	< 10	> 80	yes	I - IV
RUCOFIN®	X-GWM	150	70	> 80	yes	I - IV

Name	Match code	COD	BOD <sub>5</sub>	Elimination (OECD 302 B) [%]	Suitable for OEKO-TEX® <sup>1</sup>	Suitable OEKO-TEX Product class <sup>1</sup>
RUCOFIN®	X-GWS	970	80	> 80	yes	I - IV
RUCOFIN®	X-GWA	480	40	> 80	yes	I - IV
RUCOFIN®	X-GWA NEW	480	40	> 80	yes	I - IV
RUCOFIN®	X-HSX	n.a.	n.a.	> 80	yes	I - IV
RUCOFIN®	X-SIQ NEW	650	< 10	> 80	yes	I - IV
RUCOFIN®	X-WSE NEW	600	70	> 70	yes	I - IV
RUCO®-FLAM	NMP	40	< 10	< 30	yes	I - IV
RUCO®-FLAM	NMT	20	< 10	> 20	yes	I - IV
RUCO®-FLAM	PCE	930	30	< 30	yes	II - IV
RUCO®-FLAM	PCE-E	n.a.	n.a.	< 30	yes	II - IV
RUCO®-FLAM	PSY-E	n.a.	n.a.	> 70	yes	I - IV
RUCO®-FLAM	SCO	< 10	< 10	< 90	yes	IV
RUCO®-FLOW	AIA	840	130	< 90	yes	I - IV
RUCO®-FLOW	AIL	600	140	> 70	yes	I - IV
RUCO®-FLOW	AIM	230	70	> 90	yes	I - IV
RUCO®-FLOW	AIO	1020	260	> 90	yes	I - IV
RUCO®-FLOW	ALX	530	340	> 90	yes	I - IV
RUCO®-FLOW	CPA	n.a.	n.a.	100	yes	I - IV
RUCO®-FLOW	CPN-P	40	< 10	> 80	yes	I - IV
RUCOGAL®	ACD	750	150	> 70	yes	I - IV
RUCOGAL®	EC	530	240	> 90	yes	I - IV
RUCOGAL®	ELD	870	60	> 90	yes	I - IV
RUCOGAL®	ELD 300	2230	130	> 90	yes	I - IV
RUCOGAL®	ENE	530	240	> 90	yes	I - IV
RUCOGAL®	ERA	1500	730	> 90	yes	I - IV
RUCOGAL®	ERB	570	110	> 80	yes	I - IV
RUCOGAL®	ERQ	1260	310	> 90	yes	I - IV
RUCOGAL®	ERT	1050	220	> 80	yes	I - IV
RUCOGAL®	ERX	690	40	> 80	yes	I - IV
RUCOGAL®	FSH	520	100	> 70	yes	I - IV

Name	Match code	COD	BOD <sub>5</sub>	Elimination (OECD 302 B) [%]	Suitable for OEKO-TEX® <sup>1</sup>	Suitable OEKO-TEX Product class <sup>1</sup>
RUCOGAL®	HUG	940	150	> 60	yes	I - IV
RUCOGAL®	HMF	730	10	> 30	yes	I - IV
RUCOGAL®	INT	560	50	> 60	yes	I - IV
RUCOGAL®	IPN	310	10	> 30	yes	I - IV
RUCOGAL®	JBM	1590	350	100	yes	I - IV
RUCOGAL®	PAA	730	10	> 80	yes	I - IV
RUCOGAL®	PAB 300	1130	390	> 90	yes	I - IV
RUCOGAL®	PAT	1190	90	> 80	yes	I - IV
RUCOGAL®	PAU	690	< 10	> 70	yes	I - IV
RUCOGAL®	PDI	2070	540	> 80	yes	I - IV
RUCOGAL®	POS	780	270	> 50	yes	I - IV
RUCOGAL®	PVI	470	10	> 80	yes	I - IV
RUCOGAL®	RF LIQUID	560	< 10	> 60	yes	I - IV
RUCOGAL®	RLC	730	10	> 30	yes	I - IV
RUCOGAL®	SUR	250	< 10	> 50	yes	I - IV
RUCOGEN®	BFA 200	850	210	> 80	yes	I - IV
RUCOGEN®	CD	800	130	> 80	yes	I - IV
RUCOGEN®	D 3	2020	680	> 90	yes	I - IV
RUCOGEN®	DAB	530	50	> 90	yes	I - IV
RUCOGEN®	DEC	2100	220	> 90	yes	I - IV
RUCOGEN®	DFL	640	210	> 80	yes	I - IV
RUCOGEN®	DFL 200	1280	420	> 80	yes	I - IV
RUCOGEN®	DFL 300	1970	610	> 80	yes	I - IV
RUCOGEN®	ENA	2050	690	> 80	yes	I - IV
RUCOGEN®	ESC	860	260	> 80	yes	I - IV
RUCOGEN®	FBL	2040	340	> 90	yes	I - IV
RUCOGEN®	FUD	2050	690	> 80	yes	I - IV
RUCOGEN®	FUM	1280	420	> 80	yes	I - IV
RUCOGEN®	FWK	2050	690	> 80	yes	I - IV
RUCOGEN®	NED	730	220	90	yes	I - IV

Name	Match code	COD	BOD <sub>5</sub>	Elimination (OECD 302 B) [%]	Suitable for OEKO-TEX® <sup>1</sup>	Suitable OEKO-TEX Product class <sup>1</sup>
RUCOGEN®	NZA	420	250	> 90	yes	I - IV
RUCOGEN®	RE	740	120	> 80	yes	I - IV
RUCOGEN®	REG	740	120	> 80	yes	I - IV
RUCOGEN®	RES	740	120	> 80	yes	I - IV
RUCOGEN®	RPD	1700	420	> 80	yes	I - IV
RUCOGEN®	RPD 200	1700	420	> 80	yes	I - IV
RUCOGEN®	SFE	2950	820	> 90	yes	I - IV
RUCOGEN®	SFC	n.a.	n.a.	> 90	yes	I - IV
RUCOGEN®	SFW	n.a.	n.a.	> 90	yes	I - IV
RUCOGEN®	SFW-B	n.a.	n.a.	> 90	yes	I - IV
RUCOGEN®	SOC	180	< 10	> 70	yes	I - IV
RUCOGEN®	WBA	1470	440	> 80	yes	I - IV
RUCOGEN®	WBL	1470	440	> 80	yes	I - IV
RUCOGEN®	WBX	780	210	> 80	yes	I - IV
RUCOGEN®	WKT	1800	470	> 80	yes	I - IV
RUCOGEN®	WKV	1300	320	> 80	yes	I - IV
RUCOGEN®	WNF	1940	290	> 90	yes	I - IV
RUCOGEN®	X-DAB	530	50	> 90	yes	I - IV
RUCOGEN®	GRA	200	50	> 90	yes	I - IV
RUCOGEN®	KSH	1840	500	> 90	yes	I - IV
RUCOGEN®	SOA	570	< 10	20 - 70	yes	I - IV
RUCO-GUARD®	ACP6	810	250	> 80	yes	II - IV <sup>3)</sup>
RUCO-GUARD®	AFB6 CONC	550	< 10	> 80	yes	II - IV <sup>3)</sup>
RUCO-GUARD®	AFC6	620	160	> 80	yes	II - IV <sup>3)</sup>
RUCO-GUARD®	AFH6	530	60	> 80	yes	II - IV <sup>3)5)</sup>
RUCO-GUARD®	AFR6	530	60	> 80	yes	II - IV <sup>3)5)</sup>
RUCO-GUARD®	AFS6	430	< 10	> 80	yes	II - IV <sup>3)</sup>
RUCO-GUARD®	AFT6	350	110	> 80	yes	II - IV <sup>3)</sup>
RUCO-GUARD®	AFU6	n.a.	n.a.	> 80	yes	II - IV <sup>3)</sup>
RUCO-GUARD®	AHF6	600	< 10	> 80	yes	II - IV <sup>3)</sup>

Name	Match code	COD	BOD <sub>5</sub>	Elimination (OECD 302 B) [%]	Suitable for OEKO-TEX® <sup>1</sup>	Suitable OEKO-TEX Product class <sup>1</sup>
RUCO-GUARD®	AHP6	610	< 10	> 80	yes	II - IV <sup>3)</sup>
RUCO-GUARD®	AIR6	550	< 10	> 80	yes	II - IV <sup>3)</sup>
RUCO-GUARD®	UCS6	560	110	> 80	yes	II - IV <sup>3)</sup>
RUCO-GUARD®	USR6	300	70	> 80	yes	II - IV <sup>3)</sup>
RUCOLAN®	IVS	440	< 10	> 50	yes	I - IV
RUCOLAN®	KUH	40	< 10	> 90	yes	I - IV
RUCOLAN®	NOD	200	< 10	> 70	yes	I - IV
RUCOLAN®	NOP	n.a.	n.a.	> 70	yes	I - IV
RUCOLAN®	PTC	1300	< 10	> 20	yes	I - IV
RUCOLAN®	UVP	810	n.a.	n.a.	yes	I - IV
RUCOLAN®	UVT	810	< 10	> 20	yes	I - IV
RUCOLAN®	VGA	520	80	> 90	yes	I - IV
RUCOLAN®	VGI	1370	170	> 80	yes	I - IV
RUCOLAN®	VGI-PLUS	1140	360	> 80	yes	I - IV
RUCOLAN®	VGP	1000	450	> 80	yes	I - IV
RUCOLAN®	VNF	1990	200	> 80	yes	I - IV
RUCOLAN®	WSH	120	20	> 80	yes	II - IV
RUCOLASE®	CACL	520	230	> 80	yes	I - IV
RUCOLASE®	CADS	n.a.	n.a.	> 80	yes	I - IV
RUCOLASE®	CHPL	30	20	> 80	yes	I - IV
RUCOLASE®	HCH 250	220	120	> 90	yes	I - IV
RUCOLASE®	CME	710	160	> 80	yes	I - IV
RUCOLASE®	CME BASE T	2410	530	> 90	yes	I - IV
RUCOLASE®	CML	400	90	> 80	yes	I - IV
RUCOLASE®	CML 200	1090	240	> 80	yes	I - IV
RUCOLASE®	HCH	150	80	> 90	yes	I - IV
RUCOLASE®	HGO	40	30	> 90	yes	I - IV
RUCOLASE®	JEA	1090	240	> 80	yes	I - IV
RUCOLASE®	KAT	10	< 10	> 90	yes	I - IV
RUCOLASE®	KGO	10	< 10	> 90	yes	I - IV

Name	Match code	COD	BOD <sub>5</sub>	Elimination (OECD 302 B) [%]	Suitable for OEKO-TEX® <sup>1</sup>	Suitable OEKO-TEX Product class <sup>1</sup>
RUCOLASE®	NTH	70	40	> 90	yes	I - IV
RUCOLASE®	PROT	630	350	> 80	yes	I - IV
RUCOLASE®	ZEL	260	100	> 90	yes	I - IV
RUCOLASE®	ZGO	310	200	> 90	yes	I - IV
RUCOLASE®	ZLA	260	100	> 90	yes	I - IV
RUCOLASE®	ZLH	260	100	> 90	yes	I - IV
RUCOLASE®	ZLI 250	260	100	> 90	yes	I - IV
RUCOLASE®	ZLL	260	100	> 90	yes	I - IV
RUCOLASE®	ZLN	260	100	> 90	yes	I - IV
RUCOLASE®	ZSS	210	110	> 90	yes	I - IV
RUCOLASE®	ZSS 500	260	120	> 90	yes	I - IV
RUCOLIN®	AMI	220	< 10	> 30	yes	I - IV
RUCOLIN®	CS	1760	710	> 90	yes	I - IV
RUCOLIN®	JED	40	< 10	> 90	yes	I - IV
RUCOLIN®	JET	40	< 10	> 90	yes	I - IV
RUCOLIN®	LPU	40	< 10	> 90	yes	I - IV
RUCOLIN®	LSI	n.a.	n.a.	> 60	yes	I - IV
RUCOLIN®	MDA	680	220	> 90	yes	I - IV
RUCOLIN®	MDX	360	10	> 90	yes	I - IV
RUCOLIN®	MPE	510	90	> 80	yes	I - IV
RUCOLIN®	MPN	470	50	> 70	yes	I - IV
RUCOLIN®	NOM	190	< 10	< 30	yes	I - IV
RUCOLIN®	PED	280	< 10	> 70	yes	I - IV
RUCOLIN®	PED 400	1200	20	> 70	yes	I - IV
RUCOLIN®	RCP	100	< 10	< 30	yes	I - IV
RUCOLIN®	RSK	2580	1100	> 80	yes	I - IV
RUCOLIN®	RSO	520	220	> 80	yes	I - IV
RUCOLIN®	RUN	460	< 10	> 90	yes	I - IV
RUCO®-LINK	LAD	1700	60	> 80	yes	I - IV
RUCO®-LINK	NET	440	< 10	> 70	yes	I - IV

Name	Match code	COD	BOD <sub>5</sub>	Elimination (OECD 302 B) [%]	Suitable for OEKO-TEX® <sup>1</sup>	Suitable OEKO-TEX Product class <sup>1</sup>
RUCO®-LINK	RCX	490	30	> 80	yes	I - IV
RUCO®-LINK	TIE	480	20	> 70	yes	I - IV
RUCO®-LINK	WEB	520	< 10	> 70	yes	I - IV <sup>5)</sup>
RUCO®-LINK	XCR	490	30	> 80	yes	I - IV
RUCO®-LINK	XHC	880	20	> 80	yes	I - IV
RUCO®-LINK	XNB	880	20	> 80	yes	I - IV
RUCO®-LINK	X-RCX	490	30	> 80	yes	I - IV
RUCO®-LINK	XTN	410	< 10	> 70	yes	I - IV
RUCO®-LUB	KMA 400	810	80	> 80	yes	I - IV
RUCO®-LUB	KMK 400	880	20	> 80	yes	I - IV
RUCO®-LUB	KMN 400	860	30	> 80	yes	I - IV
RUCO®-LUB	KMN 600	1000	50	> 80	yes	I - IV
RUCO®-LUB	KPM	200	20	> 80	yes	I - IV
RUCO®-LUB	KPM 400	810	80	> 80	yes	I - IV
RUCO®-LUB	KSA	110	40	90	yes	I - IV
RUCO®-LUB	KSV NEW	800	140	> 80	yes	I - IV
RUCO®-LUB	KSW	110	40	> 80	yes	I - IV
RUCO®-LUB	RSP	630	30	> 80	yes	I - IV
RUCON®	FAC	530	20	40 - 60	yes	II - IV
RUCON®	FAN-G	784	93	> 70	yes	II - IV
RUCON®	FAS-G	530	20	40 - 60	yes	II - IV
RUCON®	FEC	784	93	> 70	yes	II - IV
RUCON®	FEF	760	40	20 - 70	yes	II - IV
RUCON®	FNC	540	40	> 70	yes	I - IV
RUCON®	FND	530	70	> 70	yes	II - IV
RUCON®	FNF	520	40	> 80	yes	I - IV
RUCON®	X-FAC	530	20	40 - 60	yes	II - IV
RUCO®-PHOB	PZN CONC	420	15	> 80	yes	I - IV
RUCO®-PLAST	AB 41	610	< 10	> 80	yes	I - IV
RUCO®-PLAST	BO	230	< 10	> 90	yes	I - IV

Name	Match code	COD	BOD <sub>5</sub>	Elimination (OECD 302 B) [%]	Suitable for OEKO-TEX® <sup>1</sup>	Suitable OEKO-TEX Product class <sup>1</sup>
RUCO®-PLAST	HH	610	< 10	> 80	yes	I - IV
RUCO®-PLAST	HLS	800	20	20 - 70	yes	I - IV
RUCO®-PLAST	KLH	610	< 10	> 80	yes	I - IV
RUCO®-PLAST	PCA	840	< 10	< 60	yes	II - IV <sup>9)</sup>
RUCO®-PLAST	PSM	900	< 10	> 90	yes	I - IV
RUCO®-PLAST	PS-NET	390	20	> 70	yes	I - IV
RUCO®-PLAST	PSP	1090	20	> 70	yes	I - IV
RUCO®-PLAST	PVR NEW	900	65	n.a.	yes	II <sup>6)</sup> - IV
RUCO®-PLAST	X-PCA	n.a.	n.a.	< 60	yes	II - IV <sup>9)</sup>
RUCO®-PRINT	DDE	1980	360	> 80	yes	I - IV
RUCO®-PRINT	FOP	n.a.	n.a.	> 80	yes	I - IV
RUCO®-PRINT	ORF NEW	660	30	> 70	yes	I - IV
RUCO®-PRINT	PCD	n.a.	n.a.	> 90	yes	I - IV
RUCO®-PRINT	PCR	n.a.	n.a.	80 - 100	yes	I - IV
RUCO®-PRINT	PMD	1050	220	> 80	yes	I - IV
RUCO®-PRINT	PMH	280	< 10	> 40	yes	I - IV
RUCO®-PRINT	PMI	190	< 10	< 30	yes	I - IV
RUCO®-PRINT	PMP	120	< 10	> 30	yes	I - IV
RUCO®-PRINT	PMS	140	< 10	< 30	yes	I - IV
RUCO®-PRINT	PPB	n.a.	n.a.	> 70	yes	I - IV
RUCO®-PRINT	PRP	470	10	> 80	yes	I - IV
RUCO®-PRINT	PRV	820	150	> 90	yes	I - IV
RUCO®-PRINT	PWG	1370	170	> 80	yes	I - IV
RUCO®-PUR	FNH	710	50	> 70	yes	I - IV
RUCO®-PUR	FNS	760	< 10	> 70	yes	I - IV
RUCO®-PUR	FPC	760	10	< 50	yes	I - IV
RUCO®-PUR	FSA	n.a.	n.a.	> 70	yes	I - IV
RUCO®-PUR	FVH	n.a.	n.a.	> 70	yes	I - IV
RUCO®-PUR	SCP	1080	70	> 80	yes	I - IV
RUCO®-PUR	SEC	540	30	> 50	yes	I - IV



Name	Match code	COD	BOD <sub>5</sub>	Elimination (OECD 302 B) [%]	Suitable for OEKO-TEX® <sup>1</sup>	Suitable OEKO-TEX Product class <sup>1</sup>
RUCO®-PUR	SLR	610	< 10	> 50	yes	I - IV
RUCO®-PUR	SLY	630	30	> 70	yes	I - IV
RUCO®-PUR	SLY PLUS	590	20	> 70	yes	I - IV
RUCO®-PUR	SPH	1015	150	> 40	yes	I - IV
RUCO®-PUR	X-SLR	590	10	> 50	yes	I - IV
RUCO®-RAISE	FFH	580	160	> 70	yes	I - IV
RUCO®-RAISE	FFW	590	110	> 80	yes	I - IV
RUCO®-RAISE	FHP	630	30	> 80	yes	I - IV
RUCO®-RAISE	FLP	320	100	> 80	yes	I - IV
RUCO®-RAISE	FSP	n.a.	n.a.	> 70	yes	I - IV
RUCO®-RAISE	PEW	710	90	> 80	yes	I - IV
RUCO®-RAISE	PPA	570	280	> 80	yes	I - IV
RUCO®-RAISE	PUV	550	385	> 60	yes	I - IV
RUCO®-RAISE	ULP	380	100	> 70	yes	I - IV
RUCO®-RAISE	USN	380	100	> 80	yes	I - IV
RUCORIT	BBL	n.a.	n.a.	> 80	yes	I - IV
RUCORIT	CBL	120	n.a.	n.a.	yes	I - IV
RUCORIT	GUR	910	300	> 90	yes	I - IV
RUCORIT	X-NOCL	n.a.	n.a.	> 90	yes	I - IV
RUCORIT	X-NOPP	30	< 10	> 90	yes	I - IV
RUCORIT	RAZ	520	20	> 60	yes	I - IV
RUCORIT	RGH	420	210	> 70	yes	I - IV
RUCORIT	RGI	420	210	> 70	yes	I - IV
RUCORIT	RSL	180	70	> 70	yes	I - IV
RUCORIT	SUG	700	410	> 90	yes	I - IV
RUCORIT	X-HYP	n.a.	n.a.	-	yes	I - IV
RUCOSAL®	MD	610	140	> 90	yes	I - IV
RUCO®-SHIELD	RAY	480	30	> 80	yes	I - IV
RUCO®-STAB	FWO	200	100	> 70	yes	I - IV
RUCO®-STAB	LGA-M	n.a.	n.a.	-	yes	I - IV

Name	Match code	COD	BOD <sub>5</sub>	Elimination (OECD 302 B) [%]	Suitable for OEKO-TEX® <sup>1</sup>	Suitable OEKO-TEX Product class <sup>1</sup>
RUCO®-STAB	LGA	120	30	> 90	yes	I - IV
RUCO®-STAB	OKB	120	30	> 90	yes	I - IV
RUCO®-STAB	OKE	210	80	> 60	yes	I - IV
RUCO®-STAB	OKG	40	< 10	> 90	yes	I - IV
RUCO®-STAB	OKK	190	80	> 90	yes	I - IV
RUCO®-STAB	OKM	120	30	> 90	yes	I - IV
RUCO®-STAB	OKS	70	< 10	> 50	yes	I - IV
RUCO®-STAB	OKW	600	140	> 70	yes	I - IV
RUCOSTAR®	DDD6	460	20	> 70	yes	II - IV <sup>3/5</sup>
RUCOSTAR®	EEE6	460	20	> 70	yes	II - IV <sup>3/5</sup>
RUCOSTAR®	EEN6	n.a.	n.a.	> 70	yes	II - IV <sup>3</sup>
RUCOSTAR®	EEW6	380	20	> 70	yes	II - IV <sup>3</sup>
RUCO®-STAT	AAD	940	60	> 70	yes	I - IV
RUCO®-STAT	ADF	940	60	> 70	yes	I - IV
RUCO®-STAT	ADM	870	30	> 80	yes	I - IV
RUCO®-STAT	AHE	640	< 10	> 70	yes	I - IV
RUCO®-STAT	ASY NEW	580	200	> 60	yes	I - IV
RUCO®-TEX	AKN	420	130	> 70	yes	I - IV
RUCO®-TEX	KST 150	690	80	> 70	yes	I - IV
RUCO®-TEX	KST POWDER	1400	0	70	yes	I - IV
RUCO®-TEX	MU	900	80	> 60	yes	I - IV
RUCO®-TEX	MUB	240	110	> 80	yes	I - IV
RUCO®-TEX	MUS	930	40	> 30	yes	I - IV
RUCO®-TEX	MUS-S	1240	280	> 60	yes	I - IV
RUCO®-TEX	NKS 150	690	80	> 70	yes	I - IV
RUCO®-TEX	OGS	10	< 10	> 90	yes	I - IV
RUCO®-TEX	OGX	1760	530	> 90	yes	I - IV
RUCO®-TEX	OLI	530	110	> 70	yes	I - IV
RUCO®-TEX	WRP	1130	390	> 60	yes	I - IV
RUCO®-THERM	CMB-A	530	60	> 90	yes	I - IV

Name	Match code	COD	BOD <sub>5</sub>	Elimination (OECD 302 B) [%]	Suitable for OEKO-TEX® <sup>(1)</sup>	Suitable OEKO-TEX Product class <sup>1)</sup>
RUCO®-THERM	CMB	510	10	> 90	yes	I - IV
RUCO®-THERM	PCM 28	650	< 10	> 60	yes	II <sup>(6)</sup> - IV
RUCOWET®	FIN CONC	1110	20	> 80	yes	I - IV
RUCOWET®	FN	180	80	> 90	yes	I - IV
RUCOWET®	FRW	1800	440	> 90	yes	I - IV
RUCOWET®	RDJ	1.030	300	> 90	yes	I - IV
RUCOWET®	RDX	980	470	> 90	yes	I - IV
RUCOWET®	RFF	1600	200	> 90	yes	I - IV
RUCOWET®	RKB	560	240	> 90	yes	I - IV
RUCOWET®	RMB	620	270	> 90	yes	I - IV
RUCOWET®	RMD	650	240	> 90	yes	I - IV
RUCOWET®	RN	1110	20	> 80	yes	I - IV
RUCOWET®	RN 200	2290	40	> 80	yes	I - IV
RUCOWET®	RSS	2420	1100	> 90	yes	I - IV
RUCOWET®	TA 1866	690	360	> 90	yes	I - IV
RUCOWET®	VE	1920	340	> 90	yes	I - IV
RUCOWET®	VF	1540	180	> 90	yes	I - IV
RUCOWET®	VG	1110	20	> 95	yes	I - IV
RUCOWET®	VGO	1590	70	> 90	yes	I - IV
RUCOWET®	VL	1920	340	> 90	yes	I - IV
RUCOWET®	WS	690	360	> 90	yes	I - IV
RUSTOL®	ACA	720	240	> 70	yes	I - IV
RUSTOL®	ARC	1670	710	> 70	yes	I - IV
RUSTOL®	ARR	1670	710	> 70	yes	I - IV
RUSTOL®	ASA	3000	570	98	yes	I - IV
RUSTOL®	ASN	2740	590	> 80	yes	I - IV
RUSTOL®	BXB	3000	570	98	yes	I - IV
RUSTOL®	DEA	1980	360	> 80	yes	I - IV
RUSTOL®	DSL	2070	n.a.	> 90	yes	I - IV
RUSTOL®	ESD	380	50	> 70	yes	I - IV

Name	Match code	COD	BOD <sub>5</sub>	Elimination (OECD 302 B) [%]	Suitable for OEKO-TEX® <sup>1</sup>	Suitable OEKO-TEX Product class <sup>1</sup>
RUSTOL®	ESF	150	40	> 90	yes	I - IV
RUSTOL®	ESH	150	40	> 90	yes	I - IV
RUSTOL®	NDC	2030	330	> 90	yes	I - IV
RUSTOL®	NIE	960	90	> 80	yes	I - IV
RUSTOL®	OB 16	n.a.	n.a.	80 - 100	yes	I - IV
RUSTOL®	ZA 157	3000	570	98	yes	I - IV
VEROLAN®	EMC	280	10	> 40	yes	I - IV
VEROLAN®	NAD	130	< 10	> 50	yes	I - IV
VEROLAN®	NBA	140	< 10	> 20	yes	I - IV
VEROLAN®	NBB	1090	< 10	> 40	yes	I - IV
VEROLAN®	NBF	140	< 10	> 30	yes	I - IV
VEROLAN®	NBH 130	390	< 10	> 90	yes	I - IV
VEROLAN®	NBI	280	10	> 40	yes	I - IV
VEROLAN®	NBL	180	< 11	> 60	yes	I - IV
VEROLAN®	NBO	250	20	> 40	yes	I - IV
VEROLAN®	NBO 50	140	< 10	> 30	yes	I - IV
VEROLAN®	NBO 150	1090	< 10	> 40	yes	I - IV
VEROLAN®	NBQ	140	< 10	> 20	yes	I - IV
VEROLAN®	NBZ	390	< 10	> 90	yes	I - IV
VEROLAN®	NEC	330	140	> 80	yes	I - IV
VEROLAN®	NEW	280	10	> 40	yes	I - IV
VEROLAN®	NFE	230	< 10	> 60	yes	I - IV
VEROLAN®	NMF 150	300	160	> 90	yes	I - IV

**General notes:**

The information contained in this list is based on our current state of knowledge and is given provided that the products are applied in accordance with our recommendations in the respective Technical Leaflets. They are, however, without liability regarding property rights of third parties and foreign laws. The user should test for himself whether the product and the finished textil are suitable for his special purposes and do not exceed certain limiting values. We are, above all, not liable for fields and methods of application which have not been put down by us in writing.

This list contains only selected products of the sales range of RUDOLF GmbH Geretsried. We are happy to test any RUDOLF products that are not listed here on request. Please contact our Global Product Safety Department (details on page 22) or sales staff.

This list is dynamic and only reflects the status of the date of issue.

**Abbreviations and further description details:**

<b>APEOs</b>	Alkylphenol ethoxylates
<b>NPEs</b>	Nonylphenol ethoxylates
<b>COD</b>	Chemical Oxygen Demand [mg O <sub>2</sub> /g Product]. The COD is a measure of the sum of all organic substances. The COD indicates the quantity of oxygen required to completely oxidise organic substances.
<b>BOD<sub>5</sub></b>	Biochemical Oxygen Demand [mg O <sub>2</sub> /g Product]. The BOD is a measure of the sum of all biodegradable organic substances. The BOD <sub>5</sub> indicates the quantity of dissolved oxygen required to biodegrade organic substances within 5 days. It is one parameter to establish the degradability of a product. However, there are only few substances that are completely biodegraded after 5 days."
<b>COD/BOD ratio</b>	For the experts of the sewage plant this ratio is a reference value for the biodegradability. Based on experimental values it is assumed that a COD/BOD ratio up to „2“ is a sign for easily degradable waste water. The higher the ratio, the poorer the degradability. Often the COD/BOD <sub>5</sub> mistakenly is taken to evaluate the biological degradation of a chemical product. What must be considered, however, is the COD/BOD <sub>28</sub> ratio. Since hardly any substances are biodegraded after only 5 days, the biological oxygen demand after 28 days is usually much higher.
<b>n.a.</b>	not available

<sup>1)</sup> **Standard 100 by OEKO-TEX® , Edition 01/2021 dated 04.01.2021 (including Appendix 6 and the accompanying Appendix 7)**

The **Standard 100 by OEKO-TEX®** refers to finished textiles only. Therefore, we can only confirm that the products listed can be used for textiles - if properly used -, which will comply with the requirements of **Standard 100 by OEKO-TEX®** version 01/2021 (Including Appendix 6 and the accompanying Appendix 7).

<sup>2)</sup> **Product classes according to Standard 100 by OEKO-TEX® :**

- I baby
- II with direct skin contact
- III without direct skin contact
- IV decorative material

<sup>3)</sup> **Without Appendix 6 and the accompanying Appendix 7:** Suitable for Product Classes II - IV. For Product Class I Suitability must be checked under the individual application conditions on the finished textile. **Including Appendix 6 and accompanying Appendix 7:** Suitability for Product classes I - IV must be checked under the individual application conditions on the finished textile.

<sup>4)</sup> This product contains low amounts of free Phenol. Compliance with Product Class I depends on the application conditions and must be checked under individual application conditions."

<sup>5)</sup> This product is based on a blocked aromatic polyisocyanate and may give positive detection for restricted arylamines, even though they are not added intentionally to its production recipe . Please follow carefully the application instructions in the Technical Leaflet, especially time and temperature conditions, to comply with the respective limit values on the finished textile.

<sup>6)</sup> This product contains low amounts of free Formaldehyde. Compliance with Product Class II depends on the application conditions and must be checked under the individual application conditions.

<sup>7)</sup> This product is a bactericide. Bactericides are not admitted according to Standard 100 by OEKO-TEX® without special approval. This product has the exemption from the OEKO-TEX® institute. ([Please also see the OEKO-TEX® website „Active Chemical Products“](#))

<sup>8)</sup> This product is a flame retardant. Flame retardants are not admitted according to Standard 100 by OEKO-TEX® without special approval. This product has the exemption from the OEKO-TEX® institute. ([Please also see the OEKO-TEX® website „Active Chemical Products“](#))

<sup>9)</sup> Suitability for Product Class I depends on the application conditions and must be checked under the individual application conditions.

## Contact

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