Trade name: Marabu Textil 04				Marab
		Version: 6 /		Date revised: 11.03.2020
Substance number: 1716050	40	Replaces Version:	5 / WORLD	Print date: 11.03.2
SECTION 1: Identifica company/undertaking		substance/mi	ixture and of the	ne
	9			
1.1. Product identifier Marabu Textil 040, 50	ml			
1.2. Relevant identified	uses of the su	bstance or mix	ture and uses ad	lvised against
Use of the substance/pr Paint	reparation			
1.3. Details of the suppl	ier of the safet	y data sheet		
Address/Manufacture	er		Importer -	
Marabu GmbH & Co.	KG		S&S Wholesale Pty.	Limited
Asperger Strasse 4			18/10 Pioneer Aven	ue,
71732 Tamm			Thornleigh NSW 21	120
Germany Telephone no.	+49-7141/691-0		Tel: 1300 731 529	Fax: 1300 739 715
Fax no.	+49-7141/691-14	17		- An Alton and the state at
Information provided	Department proc	uct safety	Emergency Contact:	
by / telephone			S&S Wholesale Pty.	Limited
E-mail address of person responsible for this SDS	PRSI@marabu.c	om	Tel: 1300 731 529	Fax: 1300 739 715
1.4. Emergency telepho	ne number			
(+49) (0)621-60-43333				
SECTION 2: Hazards	identificatio	n ***		
2.1. Classification of the				
This product is not cla	ssified hazardous	in accordance with	Regulation (EC) No	1272/2008.
2.2. Label elements				
Labelling according	to regulation	(EC) No 1272/2	2008	
EUH208 Contains		hiazol-3-one, A mix		
***			ne [EC-no. 247-500-7	
			o. 220-239-6] (3:1) / (	C(M)IT/MIT (3:1), May
	produce an aller	gic reaction.		
Supplemental information				
Labelling according t	•	•		
Contains a biocidal pr 2-Methyl-2H-isothiazo				[EC-no. 247-500-7] and
2.3. Other hazards				
No special hazards ha	ave to be mentione	d.		
SECTION 3: Compos	ition/informa	ation on ingre	edients ***	
3.2. Mixtures				
Chemical characteriz	ation			
Paint based on acrylic		ter		
Hazardous ingredient				

Safety data sheet in accordance with regulation (EC) No 1907/2006

ade name: Marabu Textil						Ma
ubstance number: 17160		Version: Replace		n: 5/W	ORLD	Date revised: 11.03.20 Print date: 11.03.
		I				
Bronopol (INN) CAS No.	52-51-7					
EINECS no.	200-143-0					
Registration no.	01-2119980938	-15				
Concentration		01	<	0,1	%	
Classification (Regu	Ilation (EC) No. 127	2/2008)				
	Eye Dam. 1		H318			
	Skin Irrit. 2		H315			
	STOT SE 3		H335			
	Acute Tox. 4		H302			
	Acute Tox. 4		H312			
	Aquatic Acute 1		H400			
	Aquatic Chronic	1	H410			
Concentration limits						
	Aquatic Acute 1					
	Aquatic Chronic	H410	M =	: 1		
Pyrithione zinc						
CAS No.	13463-41-7					
EINECS no.	236-671-3					
Registration no.	01-2119511196					
Concentration	>= 0,	01	<	0,025	%	
Classification (Regu	lation (EC) No. 127	2/2008)				
	Acute Tox. 3		H301			
	Acute Tox. 3		H331			
	Eye Dam. 1		H318			
	Aquatic Acute 1		H400			
	Aquatic Chronic	1	H410			
Concentration limits	(Regulation (EC) N					
	Aquatic Acute 1	H400		: 100		
	Aquatic Chronic	H410	M =	: 10		
2-Methyl-2H-isothiaz	ol-3-one					
CAS No.	2682-20-4					
EINECS no.	220-239-6					
Concentration			<	0,0015	%	
Classification (Regu	lation (EC) No. 127	2/2008)				
	Acute Tox. 3		H301			
	Acute Tox. 2		H330			
	Skin Corr. 1B		H314			
	Eye Dam. 1		H318			
	Aquatic Acute 1		H400			
	Skin Sens. 1A		H317			
	Aquatic Chronic Acute Tox. 3	T	H410 H311			
0		- 4070'				
Concentration limits	(Regulation (EC) N			0.0045		
	Skin Sens. 1A Aquatic Acute 1	H317 H400		0,0015 : 10		
A mixture of: 5-Chlo	•				7-500-71 an	d
2-Methyl-2H-isothiaz						

	040, 50 ml					Marabu
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Version:			ח וחי	Date revised: 11.03.2020 Print date: 11.03.20
Substance number: 171605	040	Replaces	Version	: 5/000	JRLD	
Concentration			<	0,001	%	
Classification (Regul						
	Acute Tox. 2 Aquatic Chronic		H330 H410			
	Aquatic Acute 1		H400			
	Skin Sens. 1A Skin Corr. 1C		H317 H314			
	Acute Tox. 2		H310			
	Acute Tox. 3		H301			
Concentration limits			,	•		
	Skin Corr. 1C Eye Irrit. 2	H314 H319	,	,6 ,06 < 0,6		
	Skin Irrit. 2	H315	<= 0,	,06 < 0,6		
	Skin Sens. 1	H317		,0015		
	Aquatic Acute 1 Aquatic Chronic		M = 1			
	1					
ECTION 4: First aid	measures					
4.1. Description of first						
After skin contact	and measures					
Wash with plenty of v	water and soap. Do	NOT use	e solvent	s or thinn	ers.	
After eye contact						
	ish the eyes thorou	ighly with	water (1	5 min.). Ir	n case of ii	rritation consult an oculist.
After ingestion						
Rinse mouth thoroug medical treatment.	-	0				event of symptoms take
	-	fects, b	oth ac	ute and	delayed	ł
<b>4.2. Most important syn</b> Until now no symptor		ical atte	ntion a	and sne	aial traa	tment needed
Until now no sympton	nmediate med	ioui utto			cial liea	
Until now no symptor 4.3. Indication of any ir Hints for the physici	an / treatment	iour atto			cial liea	
Until now no sympton 4.3. Indication of any ir	an / treatment					
Until now no sympton 4.3. Indication of any ir Hints for the physici Treat symptomaticall	<b>an / treatment</b> <sup>ly</sup>					
4.3. Indication of any in Hints for the physici Treat symptomaticall SECTION 5: Firefigh	an / treatment <sup>ly</sup> ting measure					
Until now no sympton 4.3. Indication of any ir Hints for the physici Treat symptomaticall SECTION 5: Firefight 5.1. Extinguishing med	an / treatment <sup>ly</sup> ting measure lia					
Until now no sympton 4.3. Indication of any in Hints for the physici Treat symptomaticall SECTION 5: Firefight	an / treatment <sup>ly</sup> ting measure lia ng media					
Until now no sympton 4.3. Indication of any in Hints for the physici Treat symptomatical SECTION 5: Firefight 5.1. Extinguishing med Suitable extinguishin Carbon dioxide, Foar 5.2. Special hazards ar	an / treatment <sup>ly</sup> ting measure lia ng media m, Sand, Water ising from the	<u>es</u> substar	nce or I	mixture	9	oon monoxide (CO); dense
Until now no sympton 4.3. Indication of any in Hints for the physici Treat symptomatical 5.1. Extinguishing med Suitable extinguishin Carbon dioxide, Foar 5.2. Special hazards ar In the event of fire the	an / treatment ly ting measure lia ng media m, Sand, Water ising from the e following can be	<u>es</u> substar	nce or I	mixture	9	
Until now no sympton 4.3. Indication of any in Hints for the physici Treat symptomatical 5ECTION 5: Firefight 5.1. Extinguishing med Suitable extinguishing Carbon dioxide, Foar 5.2. Special hazards ar In the event of fire the black smoke	an / treatment ly ting measure lia ng media m, Sand, Water ising from the e following can be	<u>es</u> substar	nce or I	mixture	9	

# 6.1. Personal precautions, protective equipment and emergency procedures

Safety data sheet in accordance with regulation (EC) No 1907/2006 Trade name: Marabu Textil 040, 50 ml Version: 6 / Date revised: 11.03.2020 Substance number: 171605040 Replaces Version: 5 / WORLD Print date: 11.03.2020 No particular measures required. 5.2. Environmental precautions No particular measures required. 6.3. Methods and material for containment and cleaning up Clean preferably with detergent - avoid use of solvents. 6.4. Reference to other sections Information regarding Safe handling Advice on safe handling Advice on safe handling Advice on safe handling Advice on protection against fire and explosion No special measures required. 7.1. Precautions for safe handling Advice on protection against fire and explosion No special measures required. 7.2. Conditions for safe storage, including any incompatibilities Requirements for storage rooms and vessels Store in frostfire conditions. 7.3. Specific end use(s) Paint  SECTION 3: Exposure controls/personal protection Store in frostfire conditions Tage of value Derived No Effect Level (DNEL) Reference groups Worker Derived No Effect Level (DNEL) Reference groups Worker Duration of exposure Systemic effects Concentration 4.1 mg/m <sup>3</sup> Type of value Derived No Effect Level (DNEL) Reference groups Worker Duration of exposure Ling grim Route of exposu					
Version: 6 /     Date revised: 11.03.2020       Substance number: 171805040     Replaces Version: 5 / WORLD     Print date: 11.03.2020       No particular measures required.     E.E. Environmental precautions No particular measures required.     E.E. Environmental precautions       6.3. Methods and material for containment and cleaning up Clean preferably with a detergent - avoid use of solvents.     E.E. Environmental precautions for safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding wate disposal, see Section 13.       SECTION 7: Handling and storage Advice on safe handling Advice on protection against fire and explosion No special measures required.       Advice on safe handling Advice on protection against fire and explosion No special measures required.       Store in forstree conditions.       Store of value Muther control parameters.       Derived No/Minimal Effect Levels (DNEL/DMEL)       Bronepot (INN) Type of value Autor Systemic effects Concentration 4.1 mg/m³       Type of value Autor Aposure Configures Systemic effects       Concentration 4.1       Type of value Autor Aut	Safety data sheet in accore	dance with regu	lation (EC) No 1907/2	006	
Substance number:     171605040     Replaces Version:     5 / WORLD     Print date:     11.03.20       No particular measures required.       63. Methods and material for containment and cleaning up Clean preferably with a detergent - avoid use of solvents.       6.1. Methods and material for containment and cleaning up Clean preferably with a detergent - avoid use of solvents.       6.1. Methods and material for containment and cleaning up Clean preferably with a detergent - avoid use of solvents.       6.1. Methods and material for containment and cleaning up Clean preferably with a detergent - avoid use of solvents.       6.1. Methods and material for containment and cleaning up Clean preferably with a detergent - avoid use of solvents.       Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.       Section 7. Handling Advice on protection against fire and explosion No special measures required.       7.1. Conditions for safe storage, including any incompatibilities       Requirements for storage rooms and vessels Store in frostriee conditions.       Store in frostriee conditions.       Totage rooms and vessels       Data       Data       Derived No Effect Level (DNL)       Method information       Derived No Effect Level (DNL)       Represeregroup	Trade name: Marabu Textil	040, 50 ml			$\mathbf{N}$
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<ul> <li>6.2. Environmental precations No particular measures required.</li> <li>6.3. Bethods and material for containment and cleaning up Campelerably with a detergent - avoid use of solvents.</li> <li>6.4. Reference to other sections Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 7. Solvents Section 8. Information regarding waste disposal, see Section 13.</li> <li>SECTION 7: Handling and storage Advice on safe handling Avoid skin and eye contact. Smoking, eating and drinking shall be prohibited in application area.</li> <li>Advice on protection against fire and explosion No special measures required.</li> <li>7.2. Conditions for safe storage, including any incompatibilities Requirements for storage rooms and vessels Store in frostfree conditions.</li> <li>7.3. Specific end use(s) Paint</li> <li>Section 8. Information There are not known any further control parameters.</li> <li>Derived No Effect Level (DNEL) Propol (INN) Type of value Concentration Conce</li></ul>	Substance number: 171605	5040	Replaces Version:	5 / WORLD	Print date: 11.03.20
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Advice on safe handling         Avoid skin and eye contact. Smoking, eating and drinking shall be prohibited in application area.         Advice on protection against fire and explosion         No special measures required.         7.1 Conditions for safe storage rooms and vessels         Requirements for storage rooms and vessels         Store in frostfree conditions.         7.3. Specific end use(s)         Paint         SectorIon 8: Exposure controls/personal protection         8.1. Control parameters         Other information         There are not known any further control parameters.         Derived No/Minimal Effect Levels (DNEL/DMEL)         Promopol (INN)         Type of value       Derived No Effect Level (DNEL)         Reference group       Worker         Duration of exposure       inhalative         Mode of action       Systemic effects         Concentration       12,3         Reference group       Worker         Duration of exposure       Systemic effects         Concentration       12,3         Mode of action       Systemic effects         Concentration       12,3         Mode of action       Systemic effects         Concentration       12,3         Mode of action	SECTION 7: Handlin	ng and stora	age		
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Paint         SECTION 8: Exposure controls/personal protection         S.1. Control parameters         Other information         There are not known any further control parameters.         Derived No/Minimal Effect Levels (DNEL/DMEL)         Bronopol (INN)         Type of value       Derived No Effect Level (DNEL)         Reference group       Worker         Duration of exposure       Long term         Route of exposure       inhalative         Mode of action       Systemic effects         Concentration       4,1       mg/m³         Type of value       Derived No Effect Level (DNEL)         Reference group       Worker         Duration of exposure       inhalative         Noute of exposure       inhalative         Mode of action       Systemic effects         Concentration       12,3       mg/m³         Type of value       Derived No Effect Level (DNEL)         Reference group       Worker       Uration of exposure         Unation of exposure       inhalative         Mode of action       Systemic effects         Concentration       12,3       mg/m³         Type of value       Derived No Effect Level (DNE	7.3. Specific end use(s	s)			
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8.1. Control parameters Other information There are not known any further control parameters.         Derived No/Minimal Effect Levels (DNEL/DMEL)         Bronopol (INN) Type of value       Derived No Effect Level (DNEL) Reference group         Worker Duration of exposure       Long term inhalative         Mode of action       Systemic effects Concentration         Type of value       Derived No Effect Level (DNEL)         Reference group       Worker         Duration of exposure       A,1         Duration of exposure       Short term         Route of exposure       Short term         Route of exposure       inhalative         Mode of action       Systemic effects         Concentration       12,3         Mode of action       Systemic effects         Concentration       12,3         Type of value       Derived No Effect Level (DNEL)         Reference group       Worker         Duration of exposure       Long term         Route of exposure       Long term         Route of exposure       Long term         Route of exposure       Long term         Mode of action       Local effects         Concentration       4,2       mg/m³			1		
Other information         There are not known any further control parameters.         Derived No/Minimal Effect Levels (DNEL/DMEL)         Bronopol (INN)         Type of value       Derived No Effect Level (DNEL)         Reference group       Worker         Duration of exposure       Long term         Route of exposure       inhalative         Mode of action       Systemic effects         Concentration       4,1       mg/m³         Type of value       Derived No Effect Level (DNEL)         Reference group       Worker         Duration of exposure       Short term         Route of exposure       inhalative         Mode of action       Systemic effects         Concentration       12,3       mg/m³         Type of value       Derived No Effect Level (DNEL)         Reference group       Worker         Duration of exposure       inhalative         Mode of action       Systemic effects         Concentration       12,3       mg/m³         Type of value       Derived No Effect Level (DNEL)         Reference group       Worker       Duration of exposure         Long term       Long term         Route of exposure       Long term	SECTION 8: Exposu	ire controis	/personal prote	ection	
There are not known any further control parameters.         Derived No/Minimal Effect Levels (DNEL/DMEL)         Bronopol (INN)         Type of value       Derived No Effect Level (DNEL)         Reference group       Worker         Duration of exposure       Long term         Route of exposure       inhalative         Mode of action       Systemic effects         Concentration       4,1       mg/m <sup>3</sup> Type of value       Derived No Effect Level (DNEL)         Reference group       Worker         Duration of exposure       inhalative         Mode of action       Systemic effects         Concentration       12,3         Mode of action       Systemic effects         Concentration       12,3         Mode of action       Systemic effect Level (DNEL)         Reference group       Worker         Duration of exposure       inhalative         Mode of action       12,3         Type of value       Derived No Effect Level (DNEL)         Reference group       Worker         Duration of exposure       Long term         Route of exposure       inhalative         Mode of action       Local effects         Concentration       4,2	8.1. Control parameter	rs			
Derived No/Minimal Effect Levels (DNEL/DMEL)         Bronopol (INN)       Type of value       Derived No Effect Level (DNEL)         Reference group       Worker         Duration of exposure       Long term         Route of exposure       inhalative         Mode of action       Systemic effects         Concentration       4,1       mg/m³         Type of value       Derived No Effect Level (DNEL)         Reference group       Worker         Duration of exposure       Short term         Route of exposure       inhalative         Mode of action       Systemic effects         Concentration       12,3       mg/m³         Type of value       Derived No Effect Level (DNEL)         Reference group       Worker       mg/m³         Type of value       Derived No Effect Level (DNEL)         Reference group       Worker       mg/m³         Type of value       Derived No Effect Level (DNEL)         Reference group       Worker       mg/m³         Duration of exposure       Long term         Route of exposure       Long term         Route of exposure       Long term         Route of exposure       Local effects         Concentration       4	Other information				
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Reference groupWorkerDuration of exposureShort termRoute of exposureinhalativeMode of actionSystemic effectsConcentration12,3Type of valueDerived No Effect Level (DNEL)Reference groupWorkerDuration of exposureLong termRoute of exposureinhalativeMode of actionLocal effectsConcentration4,2mg/m³	Type of value	Der	ived No Effect Level (I	ONEL)	
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Reference groupWorkerDuration of exposureLong termRoute of exposureinhalativeMode of actionLocal effectsConcentration4,2mg/m³	Type of value	Der	ived No Effect Level (I	ONEL)	
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Mode of actionLocal effectsConcentration4,2mg/m³			-		
Concentration 4,2 mg/m <sup>3</sup>					
Type of value Derived No Effect Level (DNEL)		200		m	g/m³
	Type of value	Der	ived No Effect Level (I	ONEL)	

rade name: Marabu Textil 040, 50 r	nl	Marabu
	Version: 6 /	Date revised: 11.03.2020
Substance number: 171605040	Replaces Version: 5 / WORLD	Print date: 11.03.20
Reference group	Worker	
Duration of exposure	Short term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	4,2	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	2,3	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Short term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	7	mg/kg/d
The states		
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Local effects	ug/om²
Concentration	13	µg/cm²
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Short term	
Route of exposure	dermal	
Mode of action	Local effects	
Concentration	13	µg/cm²
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	1,2	mg/m³
	Derived No Effect Level (DNEL)	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer Short term	
Duration of exposure	inhalative	
Route of exposure Mode of action		
Concentration	Systemic effects 3,7	mg/m³
	-,.	···· • • • • • • • • • • • • • • • • •
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	1,3	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Short term	

## Safety data sheet in accordance with regulation (EC) No 1907/2006

Substance number:     171605040     Replaces Version:     5 / WORLD     Print date: 11.0       Route of exposure Mode of action     inhalative Local effects     ng/m³        Type of value Reference group Duration of exposure Route of exposure addition of exposure Duration of exposure Concentration     Derived No Effect Level (DNEL) Consumer     mg/kg/d       Type of value Reference group Duration of exposure Board of exposure Duration of exposure Duration of exposure Board of exposure Duration of exposure Board of exposure Duration of exposure Board of exposure Board Board of exposure Board Board of exposure Board Board of exposure Board Board Board of exposure Board Board of exposure Board Bo	rade name: Marabu Textil 040, 50 r	Version: 6 /	Date revised: 11.03.202
Mode of action Concentration     Local effects (normality of value Reference group)     Derived No Effect Level (DNEL) Crossumer       Type of value Route of exposure Concentration     Derived No Effect Level (DNEL) (DNEL)     mg/kg/d       Type of value Reference group     Derived No Effect Level (DNEL) Concentration     mg/kg/d       Type of value Route of exposure Duration of exposure Concentration     Derived No Effect Level (DNEL) Consumer Short term Route of exposure Duration of exposure Consumer Duration of exposure Duration of exposure Consumer Duration of exposure Duration of exposure Consumer Duration of exposure Duration of exposure Consumer Duration of exposure Route of exposure Duration of exposure Duration of exposure Route of exposure Route of exposure Duration of exposure Route of exposure Duration of exposure Route of exposure Route of exposure Consumer Duration of exposure Route of exposure Route of exposure Consumer Duration of exposure Route of exp	Substance number: 171605040	Replaces Version: 5 / WORLD	Print date: 11.03.2
Mode of action Concentration     Local effects       Concentration     1.3     mg/m³       Type of value Reference group     Derived No Effect Level (DNEL)     Reference group       Note of exposure     Long term       Mode of action     Systemic effects       Concentration     1,4     mg/kg/d       Type of value     Derived No Effect Level (DNEL)       Reference group     Consumer       Duration of exposure     Short term       Route of exposure     Short term       Route of exposure     Consumer       Duration of exposure     Short term       Route of exposure     Consumer       Duration of exposure     Consumer       Burge of value     Derived No Effect Level (DNEL)       Reference group     Consumer       Duration of exposure     Local effects       Concentration     8     µg/cm²       Type of value     Derived No Effect Level (DNEL)       Reference group     Consumer       Burge of action     Local effects       Concentration     8     µg/cm²       Type of value     Derived No Effect Level (DNEL)       Reference group     Consumer       Route of exposure     Long term       Route of exposure     Long term       Route of exposure     Long term <td>Route of exposure</td> <td>inhalative</td> <td></td>	Route of exposure	inhalative	
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Duration of exposure       Long term         Route of exposure       dermal         Node of action       Systemic effects         Concentration       1,4       mg/kg/d         Reference group       Consumer         Duration of exposure       Short term         Route of exposure       Systemic effects         Concentration       4,2       mg/kg/d         Type of value       Derived No Effect Level (DNEL)       Consumer         Concentration       4,2       mg/kg/d         Type of value       Derived No Effect Level (DNEL)       Concentration         Reference group       Consumer       General         Duration of exposure       Long term       Mode of action         Route of exposure       Long term       Mode of action         Route of exposure       Consumer       Consumer         Duration of exposure       Short term       Mode of action         Rotte of exposure       Short term       Mode of action         Route of exposure       Short term       Mode of action         Route of exposure       Consumer       Mode of action         Rotte of exposure       Consumer       Mode of action         Route of exposure       consumer       Mode of action			
Route of exposure Mode of actiondemal Systemic effects Concentrationng/kg/dType of value Reference group Duration of exposure Duration of exposur	<b>e</b> .		
Mode of action Concentration       Systemic effects 1,4       mg/kg/d         Type of value Reference group Duration of exposure Boute of exposure Concentration       Derived No Effect Level (DNEL) (Consumer Systemic effects Concentration       mg/kg/d         Type of value Reference group Duration of exposure Duration of exposure Route of exposure Consumer Duration of exposure Duration of exposure Concentration       Derived No Effect Level (DNEL) Consumer Short term Route of exposure Duration of exposure Consumer Duration of exposure Route of exposure Concentration       Derived No Effect Level (DNEL) Consumer Duration of exposure Consumer Duration of exposure Duration of exposure Consumer Duration of exposure Duration of exposure Short term Route of exposure Duration of exposure Short term Route of exposure Duration of exposure Duration of exposure Short term Route of exposure Short term Route of exposure Short term Route of exposure Consumer Systemic effects Concentration       Derived No Effect Level (DNEL) Reference group Consumer Systemic effects Concentration         Type of value Route of exposure Route of exposure Consumer Systemic effects       mg/kg/d         Predicted No Effect Concentration (PNEC) Type Type of value Type of value       PNEC Freshwater O,01			
Concentration     1,4     mg/kg/d       Type of value Reference group Duration of exposure Route of exposure     Derived No Effect Level (DNEL) Consumer     mg/kg/d       Mode of action Node of action     4,2     mg/kg/d       Type of value Reference group Duration of exposure     Derived No Effect Level (DNEL) Consumer     mg/kg/d       Type of value Reference group Duration of exposure     Derived No Effect Level (DNEL) Consumer     mg/kg/d       Type of value Route of exposure     Derived No Effect Level (DNEL) Consumer     mg/kg/d       Type of value Route of exposure     Derived No Effect Level (DNEL) Consumer     mg/kg/d       Type of value Route of exposure     Derived No Effect Level (DNEL) Consumer     mg/kg/d       Duration of exposure     dermal dermal     mg/kg/d       Mode of action Route of exposure     Derived No Effect Level (DNEL) Consumer     mg/kg/d       Type of value Route of exposure     Derived No Effect Level (DNEL) Consumer     mg/kg/d       Type of value Route of exposure     Derived No Effect Level (DNEL) Consumer     mg/kg/d       Type of value Route of exposure     Derived No Effect Level (DNEL) Consumer     mg/kg/d       Type of value Route of exposure     Derived No Effect Level (DNEL) Consumer     mg/kg/d       Type of value Route of exposure     Derived No Effect Level (DNEL) Consumer     mg/kg/d       Predicted No Effect Concentration Mode of action     1,1			
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Reference group       Consumer         Duration of exposure       Anot term         Route of exposure       dermal         Mode of action       Systemic effects         Concentration       4,2       mg/kg/d         Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer         Duration of exposure       Long term         Route of exposure       Local effects         Concentration       8       µg/cm²         Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer         Duration of exposure       dermal         Mode of action       Local effects         Concentration       8       µg/cm²         Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer         Duration of exposure       Short term         Route of exposure       dermal         Mode of action       Local effects         Concentration       8       µg/cm²         Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer         Duration of exposure       oral         Mode of action       0,35	Concentration	1,4	mg/kg/d
Reference group       Consumer         Duration of exposure       Anot term         Route of exposure       dermal         Mode of action       Systemic effects         Concentration       4.2       mg/kg/d         Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer         Duration of exposure       Long term         Route of exposure       Local effects         Concentration       8       µg/cm²         Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer         Duration of exposure       dermal         Mode of action       Local effects         Concentration       8       µg/cm²         Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer         Duration of exposure       dermal         Mode of action       Local effects         Concentration       8       µg/cm²         Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer         Duration of exposure       oral         Mode of action       0,35       mg/kg/d         Type of value       Derived No Effec	Type of value	Derived No Effect Level (DNEL)	
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Mode of action       4.2       mg/kg/d         Type of value       Derived No Effect Level (DNEL)       mg/kg/d         Reference group       Consumer       Long term         Route of exposure       dermal       mg/cm²         Mode of action       Local effects       ug/cm²         Concentration       8       µg/cm²         Type of value       Derived No Effect Level (DNEL)       effects         Concentration       8       µg/cm²         Type of value       Derived No Effect Level (DNEL)       effects         Concentration       8       µg/cm²         Type of value       Derived No Effect Level (DNEL)       effects         Concentration       8       µg/cm²         Type of value       Derived No Effect Level (DNEL)       effects         Concentration       8       µg/cm²         Type of value       Derived No Effect Level (DNEL)       effects         Concentration       0,35       mg/kg/d         Mode of action       0,35       mg/kg/d         Type of value       Derived No Effect Level (DNEL)       effectes         Consumer       Note of exposure       Short term       oral         Mode of action       Systemic effects       effectes	Route of exposure	dermal	
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Reference group       Consumer         Duration of exposure       Long term         Route of exposure       Long term         Mode of action       Local effects         Concentration       8       µg/cm²         Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer         Duration of exposure       dermal         Mode of action       Local effects         Concentration       8       µg/cm²         Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer         Boute of exposure       dermal         Mode of action       Local effects         Concentration       8       µg/cm²         Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer         Duration of exposure       Long term         Route of exposure       oral         Mode of action       Systemic effects         Concentration       0,35       mg/kg/d         Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer       mg/kg/d         Duration of exposure       Short term         Route of exposure       Shor	Type of value	Derived No Effect Level (DNEL)	
Duration of exposure       Long term         Route of exposure       dermal         Mode of action       Local effects         Concentration       8         Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer         Duration of exposure       Short term         Route of exposure       Short term         Route of exposure       dermal         Mode of action       Local effects         Concentration       8         Wode of action       Local effects         Concentration       8         Wode of action       Local effects         Concentration       8         Wode of action       Local effects         Duration of exposure       Long term         Poster       Consumer         Duration of exposure       Long term         Route of exposure       oral         Mode of action       Systemic effects         Concentration       0,35         Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer         Duration of exposure       oral         Mode of action       Systemic effects         Concentration       1,1			
Route of exposure Mode of action       dermal Local effects         Concentration       8       μg/cm²         Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer         Duration of exposure       Short term         Route of exposure       dermal         Mode of action       Local effects         Concentration       8       μg/cm²         Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer         Duration of exposure       Local effects         Concentration       8       μg/cm²         Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer         Duration of exposure       Long term         Route of exposure       oral         Mode of action       Systemic effects         Concentration       0,35       mg/kg/d         Prefeicted No Effect Concentration (PNEC)       Effects         Route of exposure       oral       Mode of action         Node of action       Systemic effects       Concentration         Duration of exposure       oral       ng/kg/d         Predicted No Effect Concentration (PNEC)       Freshwater       Concentration<			
Mode of action ConcentrationLocal effects 8µg/cm2Type of value Reference group Duration of exposure Route of exposure ConsumerDerived No Effect Level (DNEL) Consumer Short term Route of exposure dermal Local effects ConcentrationParticle (DNEL) Reference group ConsumerType of value Reference group Duration of exposure ConsumerDerived No Effect Level (DNEL) Consumer ConsumerType of value Route of exposure Out of exposure ConsumerDerived No Effect Level (DNEL) ConsumerDuration of exposure ConcentrationO,35mg/kg/dType of value Reference group Duration of exposure ConsumerDerived No Effect Level (DNEL) ConsumerType of value Route of exposure Duration of exposure ConcentrationDerived No Effect Level (DNEL) ConsumerType of value Route of exposure Duration of exposure ConcentrationDerived No Effect Level (DNEL) ConsumerPredicted No Effect Concentration (PNEC)Freshwater ConcentrationBronopol (INN) Type of value Type of value TypePNEC Freshwater 0,01Type of value TypePNEC Freshwater ConcentrationType of value TypePNEC Freshwater ConcentrationType of value TypePNEC Freshwater ConcentrationType of value TypePNEC Freshwater ConcentrationType of value TypePNEC Saltwater			
Concentration8μg/cm2Type of value Reference group Duration of exposure Route of exposure Consumer DurationDerived No Effect Level (DNEL) Consumer Short term dermal Local effects ConcentrationKeference group Derived No Effect Level (DNEL)Type of value Reference group Duration of exposure Consumer Duration of exposure Duration of exposure Consumer Duration of exposure Consumer Duration of exposure Consumer Duration of exposure Consumer Duration of exposure ConcentrationDerived No Effect Level (DNEL) Consumer Consumer Oral O,35Type of value Reference group Duration of exposure ConcentrationDerived No Effect Level (DNEL) Consumer O,35mg/kg/dType of value Reference group Duration of exposure Consumer Duration of exposure Consumer Duration of exposure Consumer Duration of exposure Consumer Duration of exposure Short term Route of exposure Concentrationmg/kg/dFredicted No Effect Concentration Type of value Type of value Roop of value Type of value Type of value PNEC Type ConcentrationPNEC Freshwater 0,01mg/kg/dType of value Type of value Type of value Type of value PNEC TypePNEC Freshwater 0,01mg/l			
Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer         Duration of exposure       Short term         Mode of action       8       µg/cm²         Type of value       Derived No Effect Level (DNEL)       provide         Reference group       Consumer       Juration of exposure       dermal         Mode of action       8       µg/cm²         Type of value       Derived No Effect Level (DNEL)       Provide         Reference group       Consumer       Long term         Duration of exposure       oral       Node of action         Mode of action       Systemic effects       mg/kg/d         Type of value       Derived No Effect Level (DNEL)       Reference group         Mode of action       Systemic effects       mg/kg/d         Type of value       Derived No Effect Level (DNEL)       Prosposure         Route of exposure       oral       Mode of action       Systemic effects         Duration of exposure       oral       Node of action       Systemic effects         Concentration       1,1       mg/kg/d       Predicted No Effect Concentration (PNEC)         Bronopol (INN)       Type       Preshwater       0,01       mg/l         Type of value </td <td></td> <td></td> <td>µg/cm²</td>			µg/cm²
Reference group Duration of exposure Route of exposure Mode of action ConcentrationConsumer Short term dermal Local effects 8µg/cm2Type of value Reference group Duration of exposure Duration of exposure Duration of exposure Consumer Duration of exposure Consumer Duration of exposure ConcentrationDerived No Effect Level (DNEL) Consumer 0,35mg/kg/dType of value Reference group ConcentrationDerived No Effect Level (DNEL) (DNEL)mg/kg/dReference group ConcentrationConsumer 0,35mg/kg/dType of value Route of exposure ConcentrationDerived No Effect Level (DNEL) 0,35mg/kg/dType of value Route of exposure Duration of exposure Consumer Duration of exposure Consumermg/kg/dType of value Route of exposure ConcentrationDerived No Effect Level (DNEL) Consumermg/kg/dPredicted No Effect Concentration (PNEC)mg/kg/dmg/kg/dPredicted No Effect Concentration (PNEC)Freshwater Concentrationmg/lType of value Type ConcentrationPNEC Freshwater 0,01mg/lType of value TypePNEC Freshwatermg/l		//	10
Duration of exposure       Short term         Route of exposure       dermal         Mode of action       Local effects         Concentration       8       µg/cm²         Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer         Duration of exposure       Log term         Route of exposure       oral         Mode of action       Systemic effects         Concentration       0,35       mg/kg/d         Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer       oral         Mode of action       Systemic effects       mg/kg/d         Type of value       Derived No Effect Level (DNEL)       Reference group         Reference group       Consumer       Duration of exposure       oral         Mode of action       Systemic effects       mg/kg/d         Predicted No Effect Concentration (PNEC)       mg/kg/d       Predicted No Effect Concentration (PNEC)         Bronopol (INN)       Type of value       PNEC       mg/l         Type of value       PNEC       mg/l         Type of value       Q,01       mg/l         Type of value       PNEC       mg/l         Type       <			
Route of exposure Mode of actiondermal Local effects 8µg/cm2Type of value Reference group Duration of exposure Route of exposure ConcentrationDerived No Effect Level (DNEL) Consumer Duration of exposure OralKeference group Mode of action 0,35mg/kg/dType of value Reference group ConcentrationDerived No Effect Level (DNEL) Concentrationmg/kg/dType of value Reference group Duration of exposure Consumer Duration of exposure Consumer Duration of exposure Consumer Duration of exposure Consumer Duration of exposure Consumer Duration of exposure Concentrationmg/kg/dType of value Route of exposure ConcentrationDerived No Effect Level (DNEL) Consumer Consumer Consumer Duration of exposure Not term Route of exposure Concentrationmg/kg/dPredicted No Effect Concentration (PNEC)mg/kg/dBronopol (INN) Type of value TypePNEC Freshwater Onconcentration 0,01mg/lType of value Type of value TypePNEC Freshwater Saltwatermg/l			
Mode of action ConcentrationLocal effects 8μg/cm²Type of value Reference group Duration of exposure Route of exposure Consumer DurationDerived No Effect Level (DNEL) Consumer Long term Route of exposure 0,35mg/kg/dType of value Reference group ConcentrationDerived No Effect Level (DNEL) Reference group 0,35mg/kg/dType of value Reference group Duration of exposure Consumer Duration of exposure Consumer Duration of exposure Consumer Duration of exposure Consumer Duration of exposure ConcentrationDerived No Effect Level (DNEL) Reference group Consumer Consumer Consumer Duration of exposure Consumer Duration of exposure ConcentrationType of value Reference group Consumer ConcentrationPredicted No Effect Concentration (PNEC)mg/kg/dBronopol (INN) Type of value ConcentrationPNEC Freshwater ConcentrationType of value TypePNEC Freshwater ConcentrationType of value TypePNEC FreshwaterType of value TypePNEC Saltwater			
Concentration8μg/cm2Type of valueDerived No Effect Level (DNEL)Reference groupConsumerDuration of exposureLong termRoute of exposureoralMode of actionSystemic effectsConcentration0,35mode of actionDerived No Effect Level (DNEL)Reference groupConsumerDuration of exposureShort termRoute of exposureShort termRoute of exposureShort termRoute of exposureoralMode of actionSystemic effectsConcentration1,1mg/kg/dPredicted No Effect Concentration (PNEC)Bronopol (INN)Type of valueType of valuePNECType of valuePNECType of value0,01Type of valuePNECType of valuePNECType of valuePNECType of valuePNECType of valuePNECType of valueSaltwater			
Type of value Reference group Duration of exposure Route of exposure Concentration       Derived No Effect Level (DNEL) Consumer Long term oral         Mode of action Concentration       Systemic effects 0,35       mg/kg/d         Type of value Reference group Duration of exposure Route of exposure Route of exposure Concentration       Derived No Effect Level (DNEL) Consumer Consumer         Node of action Duration of exposure Route of exposure Route of exposure Concentration       Derived No Effect Level (DNEL) Consumer         Predicted No Effect Concentration (PNEC)       mg/kg/d         Bronopol (INN) Type of value Type of value Concentration       PNEC Freshwater 0,01         Type of value Type of value Type of value       PNEC Freshwater 0,01         Type of value Type of value       PNEC Freshwater         Type of value Type       PNEC Saltwater			( <b>a</b>
Reference group       Consumer         Duration of exposure       Long term         Route of exposure       oral         Mode of action       Systemic effects         Concentration       0,35         Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer         Duration of exposure       Short term         Route of exposure       oral         Mode of action       Systemic effects         Concentration       1,1         mg/kg/d       Predicted No Effect Concentration (PNEC)         Bronopol (INN)       Type of value         Type of value       PNEC         Type       Freshwater         Concentration       0,01         Type of value       PNEC         Type of value       Saltwater	Concentration	8	µg/cm²
Duration of exposure       Long term         Route of exposure       oral         Mode of action       Systemic effects         Concentration       0,35       mg/kg/d         Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer         Duration of exposure       Short term         Route of exposure       Short term         Route of exposure       oral         Mode of action       Systemic effects         Concentration       1,1       mg/kg/d         Predicted No Effect Concentration (PNEC)       Emonopol (INN)         Type of value       PNEC       reshwater         Concentration       0,01       mg/l         Type of value       PNEC       reshwater         Concentration       0,01       mg/l	Type of value	Derived No Effect Level (DNEL)	
Route of exposure Mode of action Concentrationoral Systemic effects 0,35mg/kg/dType of value Reference group Duration of exposure Route of exposure Consumer Oral Mode of action ConcentrationDerived No Effect Level (DNEL) Consumer Short term oral Mode of action 1,1mg/kg/dPredicted No Effect Concentration (PNEC) Type of value Type of value TypePNEC Freshwater 0,01mg/kg/dType of value Type ConcentrationPNEC Freshwater 0,01mg/l	Reference group	Consumer	
Mode of action ConcentrationSystemic effects 0,35mg/kg/dType of value Reference group Duration of exposure Route of exposure Consumer Oral Mode of action ConcentrationDerived No Effect Level (DNEL) (DNEL) Consumer Short term oral Mode of action ConcentrationPredicted No Effect Concentration (PNEC)mg/kg/dBronopol (INN) Type of value ConcentrationPNEC Freshwater 0,01mg/lType of value TypePNEC Freshwater Concentrationmg/lType of value TypePNEC Freshwater Saltwatermg/l	Duration of exposure	Long term	
Concentration0,35mg/kg/dType of valueDerived No Effect Level (DNEL)Reference groupConsumerDuration of exposureShort termRoute of exposureoralMode of actionSystemic effectsConcentration1,1mg/kg/dPredicted No Effect Concentration (PNEC)Bronopol (INN)PNECType of valuePNECType of valueFreshwaterConcentration0,01Type of valuePNECType of valueSaltwater	Route of exposure	oral	
Type of value       Derived No Effect Level (DNEL)         Reference group       Consumer         Duration of exposure       Short term         Route of exposure       oral         Mode of action       Systemic effects         Concentration       1,1         mg/kg/d         Predicted No Effect Concentration (PNEC)         Bronopol (INN)         Type of value       PNEC         Type       Freshwater         Concentration       0,01         Type of value       PNEC         Type       Freshwater         Concentration       0,01         Type of value       PNEC         Type       Saltwater	Mode of action	Systemic effects	
Reference group       Consumer         Duration of exposure       Short term         Route of exposure       oral         Mode of action       Systemic effects         Concentration       1,1       mg/kg/d         Predicted No Effect Concentration (PNEC)         Bronopol (INN)       Type of value       PNEC         Type       Freshwater       mg/l         Concentration       0,01       mg/l         Type of value       PNEC       Type         Type of value       Saltwater       Mag/l	Concentration		mg/kg/d
Reference group       Consumer         Duration of exposure       Short term         Route of exposure       oral         Mode of action       Systemic effects         Concentration       1,1       mg/kg/d         Predicted No Effect Concentration (PNEC)         Bronopol (INN)       Type of value       PNEC         Type       Freshwater       mg/l         Concentration       0,01       mg/l         Type of value       PNEC       Type         Type of value       Saltwater       Mag/l	Type of value	Derived No Effect Level (DNEL)	
Duration of exposureShort termRoute of exposureoralMode of actionSystemic effectsConcentration1,1mg/kg/dPredicted No Effect Concentration (PNEC)Bronopol (INN)PNECType of valuePNECTypeFreshwaterConcentration0,01Type of valuePNECType of valueSaltwater		· · · · ·	
Route of exposure Mode of action     oral Systemic effects       Concentration     1,1     mg/kg/d       Predicted No Effect Concentration (PNEC)       Bronopol (INN) Type of value     PNEC Freshwater Concentration     mg/l       Type of value Type     PNEC Freshwater Concentration     mg/l       Type of value Type     PNEC Saltwater     mg/l			
Mode of action Concentration       Systemic effects 1,1       mg/kg/d         Predicted No Effect Concentration (PNEC)       mg/kg/d         Bronopol (INN) Type of value Type       PNEC Freshwater Concentration       mg/l         Type of value Type       PNEC Saltwater       mg/l			
Concentration1,1mg/kg/dPredicted No Effect Concentration (PNEC)Bronopol (INN)Type of valuePNECTypeFreshwaterConcentration0,01Type of valueType of valueSaltwater			
Bronopol (INN)     PNEC       Type of value     PNEC       Type     Freshwater       Concentration     0,01       Type of value     PNEC       Type     Saltwater			mg/kg/d
Bronopol (INN)     PNEC       Type of value     PNEC       Type     Freshwater       Concentration     0,01       Type of value     PNEC       Type     Saltwater	Predicted No Effect Concer	ntration (PNEC)	
Type of valuePNECTypeFreshwaterConcentration0,01Type of valuePNECTypeSaltwater			
TypeFreshwaterConcentration0,01Type of valuePNECTypeSaltwater		PNEC	
Concentration0,01mg/lType of valuePNECTypeSaltwater			
Type Saltwater			mg/l
Type Saltwater	Type of value	PNEC	
· · · · · · · · · · · · · · · · · · ·			mg/l
Type of value PNEC			5

### Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Marabu Textil 040, 50 ml

Trade name: Marabu Textil 040, 50 ml							Marabu
		Version:	6 /			Date revised	: 11.03.2020
Substance number: 171605040		Replaces \	Version:	5 / WORL	D	Print c	date: 11.03.20
Туре	Wate	r (intermitter	nt releas	e)			
Concentration		0,003			mg/l		
Type of value	PNEC						
Туре	Sewa	ge treatmer	nt plant (	STP)			
Concentration		0,43			mg/l		
Type of value	PNEC	2					
Туре	Fresh	water sedin	nent				
Concentration		0,041			mg/k	g	
Type of value	PNEC	2					
Туре	Marin	e sediment					
Concentration		0,003			mg/k	g	
Type of value	PNEC	2					
Туре	Soil						
Concentration		0,5			mg/k	g	
8.2. Exposure controls							
Exposure controls							
Provide adequate ventilation.							
SECTION 9: Physical and cl	hemi	<u>cal prop</u>	erties	<u> </u>			
9.1. Information on basic physi	cal ar	d chemic	al pro	perties			
Form	liquid			-			
Colour	colou						
Odour	odoui	less					
Odour threshold							
Remarks	No da	ata available	•				
pH value		_		_			
Value		8	to	9			
Temperature Method	wтw	20 7 PH 340	°C				
Melting point							
Remarks	not de	etermined					
Freezing point							
Remarks	not de	etermined					
Initial boiling point and boilin	g rang	je					
Value	appr.	100			°C		
Pressure Source	Litoro	1.013 ture value	hPa				
	Litera	luie value					
Flash point Remarks	Not a	pplicable					
Evaporation rate (ether = 1) :	Not u	ppiloable					
Remarks	not de	etermined					
Flammability (solid, gas)							
Not applicable							
Upper/lower flammability or e	xplosi	ve limits					
Remarks	-	etermined					

Safaty data aboat in accordance with	regulation		4007/2	006	
Safety data sheet in accordance with Trade name: Marabu Textil 040, 50 ml	_			006	Marabu
Substance number: 171605040		rsion: 6 / places Ve		5 / WORLD	Date revised: 11.03.2020 Print date: 11.03.20
Vapour pressure					
Value	appr. 23			hPa	
Temperature	20	-	°C	1	
Method	Value take	en from tr	ne litera	iture	
Vapour density Remarks	not dotorn	ainad			
	not detern	ninea			
Density Value	1	00		g/cm³	
Temperature	20	02 )	°C	g/cm <sup>s</sup>	
Method	DIN EN IS	-	0		
Solubility in water					
Remarks	miscible				
Ignition temperature					
Remarks	not detern	nined			
Viscosity					
Remarks					
Remarks	not detern	nined			
9.2. Other information Other information None known					
SECTION 10: Stability and r	reactivit	Y			
10.1. Reactivity None					
10.2. Chemical stability No hazardous reactions known					
<b>10.3. Possibility of hazardous r</b> No hazardous reactions known					
<b>10.4. Conditions to avoid</b> No hazardous reactions known					
10.5. Incompatible materials None					
<b>10.6. Hazardous decomposition</b> No hazardous decomposition p					
SECTION 11: Toxicological	informa	tion			
11.1. Information on toxicologi					
Acute oral toxicity					
		ailable da	ta, the	classification criteria	are not met.
Acute oral toxicity (Compone	ents)				
Pyrithione zinc					
Species R LD50	ats (male/fe 269	emale)		malka	
	269 DECD 401			mg/kg	
Acute dermal toxicity					
······					

ade name: Marabu Textil 040, 50	) ml				
		Version:	6 /		Date revised: 11.03.202
ubstance number: 171605040		Replaces	s Version:	5 / WORLD	Print date: 11.03.2
Remarks	Based o	n available	e data, the	classification crite	eria are not met.
Acute inhalational toxicity	y				
Remarks	Based o	n available	e data, the	classification crite	eria are not met.
Acute inhalative toxicity (	Compone	nts)			
Pyrithione zinc					
Species	rat				
LC50		0,84		mg/l	
Administration/Form Method	Dust/Mis OECD 4				
Skin corrosion/irritation	02004	00			
Remarks	Based o	n available	data the	classification crite	vria are not met
Serious eye damage/irrita				classification onte	
Remarks		n available	data the	classification crite	ria are not met
Sensitization	Dubbu U			olassinoation onte	and are not met.
Remarks	Based o	n available	data the	classification crite	aria are not met
Mutagenicity	Daseu U		, uala, inc	classification crite	a die not met.
Remarks	Based o	n available	data the	classification crite	ria are not met
	Daseu U		, uala, ine	classification crite	sha are not met.
Reproductive toxicity Remarks	Bacad a	n available	data tha	classification crite	ria aro not mot
	Daseu u	II avaliable	e uala, lite	classification crite	and are not met.
Carcinogenicity Remarks	Decede	n available	data tha		rie ere ret met
			e data, the	classification crite	ana are not met.
Specific Target Organ To	xicity (SIC	JI)			
Single exposure Remarks	Based o	n available	e data. the	classification crite	eria are not met.
Repeated exposure			· · · · · · · · · · · · · · · · · · ·		
Remarks	Based o	n available	e data, the	classification crite	eria are not met.
Aspiration hazard			,		
Based on available data, th	ne classifica	tion criteria	a are not n	net.	
Experience in practice					
Provided all the recommen risk to health can be expect	•	ive and sa	fety preca	utions are taken, e	experience shows that no
Other information					
There are no data available	e on the mix	dure itself.			
The mixture has been asse 1272/2008 and classified for	essed follow	ing the ad	•		egulation (EC) No
	-				
ECTION 12: Ecological	morma				
2.1. Toxicity					
General information					
There are no data available mixture has been assessed and is not classified as dar	d following t	he summa	tion metho		or water courses.The gulation (EC) No 1272/2008
Fish toxicity (Component	-				
Pyrithione zinc	,				
Species	rainbow	trout (Onc	orhynchus	s mykiss)	
LC50		0,14		mg/l	
Duration of exposure		96	h		

rade name: Marabu Tex	ktil 040, 50 ml				$\mathbb{N}$
		Version	: 6/		Marabu Date revised: 11.03.2020
Substance number: 171	605040	Replace	es Version:	5 / WORLD	Print date: 11.03.20
Bronopol (INN)					
Species	rair	nbow trout (On	corhynchus		
LC50		3		mg/l	
Duration of expose Method		96 CD 203	h		
	UE	CD 203			
Bronopol (INN) Species	rair	nbow trout (On	corhynchus	mykies)	
NOEC	Tai	2,61	corrightenus	mg/l	
Duration of expos	sure	28	d	iiig/i	
Method		CD 203	-		
				no. 247-500-7] and	
2-Methyl-2H-isoth Species		-no. 220-239- nbow trout (On			
LC50	Tall	0,188	corriginenus	mg/l	
Duration of expos	sure	96	h	mg/i	
Daphnia toxicity					
	(componento)	,			
Pyrithione zinc Species	Da	phnia magna			
EC50	Da	0,05		mg/l	
Duration of expos	sure	48	h	mg/i	
Bronopol (INN)					
Species	Da	phnia magna			
EC50	-	1,04		mg/l	
Duration of expos		48	h		
Method	OE	CD 202			
Bronopol (INN)					
Species	Da	phnia magna			
NOEC Duration of expos		0,06 21	d	mg/l	
Method		CD 211	u		
			3-one [EC-	no. 247-500-7] and	
2-Methyl-2H-isoth	iazol-3-one [EC	-no. 220-239-			
Species	Da	phnia magna			
EC50		0,126 48	h	mg/l	
Duration of expos		40	11		
Algae toxicity (Co	omponents)				
Pyrithione zinc					
Species	Sel	lenastrum capr	icornutum	"	
IC50		0,067	h	mg/l	
Duration of expos	sure	72	h		
Bronopol (INN)	Dec	audakirahaaria	lla aubaanit	ata	
Species EC50	P56	eudokirchnerie 0,068	lia subcapit	mg/l	
Duration of expos	sure	72	h	mg/i	
Method		CD 201			
Bronopol (INN)					
Species	Pse	eudokirchnerie	lla subcapit	ata	
NOEC		0,0025		mg/l	
Duration of expos		72	h		
Method		CD 201			
				no. 247-500-7] and	
				NAVEL (NATE / 2+4)	
2-Methyl-2H-isoth Species		enastrum capr		<b>NII)II/NIII (3.1)</b>	

Safety data sheet in accordance with	regulation (E	C) No 1907/2	2006	
Trade name: Marabu Textil 040, 50 ml				
	Versi	on: 6/		Marabu Date revised: 11.03.2020
Substance number: 171605040	Repla	aces Version:	5 / WORLD	Print date: 11.03.20
Duration of exposure	72	h		
12.2. Persistence and degradal General information There are no data available on	-	elf.		
<b>12.3. Bioaccumulative potentia</b> <b>General information</b> There are no data available on		elf.		
<b>12.4. Mobility in soil</b> General information There are no data available on	the mixture its	elf.		
12.5. Results of PBT and vPvB General information There are no data available on				
<b>12.6. Other adverse effects</b> <b>General information</b> There are no data available on	the mixture its	elf.		
SECTION 13: Disposal con	sideration	<u>IS</u>		
13.1. Waste treatment methods	5			
Disposal recommendations f The product can be placed with with water and put into the drai Disposal recommendations f Packaging that cannot be clear Completely emptied packaging	n other househ nage system. <b>or packagin</b> ned should be	old refuse. Si <b>g</b> disposed off a	as product waste.	ontainers can be washed-out
SECTION 14: Transport info	ormation			

Safety data sheet in	accordance with	regulation	(EC) No	1907/2006
			(	

Trade name: Marabu Textil 040, 50 ml

Substance number: 171605040

Version: 6 /



	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport	The product does not constitute a hazardous substance in sea transport	The product does not constitute a hazardous substance in air transport
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
Subsidiary risk		-	-
Label			
14.4. Packing group	-	-	-
Transport category	0		
14.5. Environmental hazards		no	
	-		-

### Information for all modes of transport

14.6. Special precautions for user

Transport within the user's premises:

Always transport in closed containers that are upright and secure.

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

#### Other information

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

no

# SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Other information

The product does not contain substances of very high concern (SVHC).

#### Other information

All components are contained in the ECL inventory.

All components are contained in the IECSC inventory.

All components are contained in the TSCA inventory or exempted.

All components are contained in the DSL or NDSL inventory.

#### 15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

## SECTION 16: Other information

#### Hazard statements listed in Chapter 3

-	
Toxic if swallowed.	
Harmful if swallowed.	
Fatal in contact with skin.	

Trade name: Marabu Textil 040, 50 ml				
	Version: 6 /	Date revised: 11.03.202		
ubstance number: 171605040	Replaces Version: 5 / WORLD	Print date: 11.03.2		
H311	Toxic in contact with skin.			
H312	Harmful in contact with skin.			
H314	Causes severe skin burns and eye damage.			
H315	Causes skin irritation.			
H317	May cause an allergic skin reaction.			
H318	Causes serious eye damage.			
H330	Fatal if inhaled.			
H331	Toxic if inhaled.			
H335	May cause respiratory irritation.			
H400	Very toxic to aquatic life.			
H410	Very toxic to aquatic life with long lasting effec	ts.		
CLP categories listed in C	Chapter 3			
Acute Tox. 2	Acute toxicity, Category 2			
Acute Tox. 3	Acute toxicity, Category 3			
Acute Tox. 4	Acute toxicity, Category 4			
Aquatic Acute 1	Hazardous to the aquatic environment, acute,			
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic	c, Category 1		
Eye Dam. 1	Serious eye damage, Category 1			
Skin Corr. 1B	Skin corrosion, Category 1B			
Skin Corr. 1C	Skin corrosion, Category 1C			
Skin Irrit. 2	Skin irritation, Category 2			
Skin Sens. 1A	Skin sensitization, Category 1A			
STOT SE 3	Specific target organ toxicity - single exposure	, Category 3		

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\* This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship. The information in this Safety Data Sheet is based on the present state of knowledge and current legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions.

As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation.