		Version: 6 /		Date revised: 09.01.2020
Substance number: 1716000	87-067	Replaces Version:	5 / WORLD	Print date: 10.01.20
SECTION 1: Identifica	ation of th	e substance/m	ixture and of th	<u>ne</u>
company/undertaking	9			
1.1. Product identifier Marabu Textil Starter-	Set 067			
1.2. Relevant identified	uses of the	substance or mix	cture and uses ad	lvised against
Use of the substance/pr Paint	reparation			
1.3. Details of the suppl	ier of the sa	ifety data sheet		
Address/Manufacture			Importer -	
Marabu GmbH & Co.	KG		S&S Wholesale Pty	. Limited
Asperger Strasse 4 71732 Tamm			18/10 Pioneer Aver	
Germany			Thornleigh NSW 2	The second second second second second second second
Telephone no.	+49-7141/69		Tel: 1300 731 529	Fax: 1300 739 715
Fax no. Information provided	+49-7141/69 <sup>2</sup> Department p		Emergency Contact	
by / telephone			S&S Wholesale Pty	
E-mail address of	PRSI@marat	ou.com	Tel: 1300 731 529	
person responsible for this SDS				
1.4. Emergency telepho	ne number			
(+49) (0)621-60-43333				
SECTION 2: Hazards	identificat	tion ***		
2.1. Classification of the				
This product is not cla			Regulation (EC) No	1272/2008.
2.2. Label elements			<b>c</b> ( )	
Labelling according	to regulation	on (FC) No 1272/2	2008	
EUH208 Contains	•	isothiazol-3-one, A mix		
***	5-Chloro-2-m	ethyl-2h-isothiazol-3-c	one [EC-no. 247-500-7	
		isothiazol-3-one [EC-n	0. 220-239-6] (3:1) / 0	C(M)IT/MIT (3:1), May
Supplemental information	•	llergic reaction.		
Labelling according t		(EU) No 528/2012 *	**	
• •	oduct: A mixtur	e of: 5-Chloro-2-methy	yl-2h-isothiazol-3-one	[EC-no. 247-500-7] and
2.3. Other hazards				
No special hazards ha	ive to be menti	oned.		
SECTION 3: Compos	ition/infor	mation on ingr	edients ***	
3.2. Mixtures				
Chemical characteriz	ation			
Paint based on acrylic	resins and on	water		
Hazardous ingredient	S ***			

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

Trade name: Marabu Textil Starter-Set 067

aue name. Marabu	Textil Starter-Set 067					Mara
		Version:				Date revised: 09.01.202
Substance number: 1	71600087-067	Replaces	s Versio	n: 5/WO	RLD	Print date: 10.01.2
Bronopol (INN)						
CAS No.	52-51-7					
EINECS no.	200-143-0					
Registration n	o. 01-211998093	8-15				
Concentration	>=	0,01	<	0,1	%	
Classification	(Regulation (EC) No. 12	72/2008)				
	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 Chroni		H410			
Concentration	limits (Regulation (EC)			10		
	Aquatic Acute					
	Aquatic Chroni	c H410	M =	1		
Pyrithione zinc	·					
CAS No.	13463-41-7					
EINECS no.	236-671-3					
Registration n		6-46				
Concentration		0,01	<	0,025	%	
		70/0000				
Classification	(Regulation (EC) No. 12	72/2008)	11204			
	Acute Tox. 3		H301			
	Acute Tox. 3		H331			
	Eye Dam. 1	1	H318			
	Aquatic Acute Aquatic Chroni		H400 H410			
	·					
Concentration	limits (Regulation (EC)					
	Aquatic Acute			100		
	Aquatic Chroni	c H410	M =	10		
A mixture of: 5	-Chloro-2-methyl-2h-is	othiazol-2	ono [E	C-no 247	500-71 and	
	othiazol-3-one [EC-no.					
CAS No.	55965-84-9					
Concentration			<	0,0015	%	
Concentration						
	Regulation (EC) No. 12	72/2008)				
	(Regulation (EC) No. 12 Acute Tox 3	72/2008)	H331			
	Acute Tox. 3		H331 H410			
	Acute Tox. 3 Aquatic Chroni	c 1	H410			
	Acute Tox. 3 Aquatic Chroni Aquatic Acute	c 1	H410 H400			
	Acute Tox. 3 Aquatic Chroni Aquatic Acute Skin Sens. 1	c 1	H410 H400 H317			
	Acute Tox. 3 Aquatic Chroni Aquatic Acute Skin Sens. 1 Skin Corr. 1B	c 1	H410 H400 H317 H314			
	Acute Tox. 3 Aquatic Chroni Aquatic Acute Skin Sens. 1	c 1	H410 H400 H317			
Classification	Acute Tox. 3 Aquatic Chroni Aquatic Acute Skin Sens. 1 Skin Corr. 1B Acute Tox. 3 Acute Tox. 3	c 1 1	H410 H400 H317 H314 H311 H301			
Classification	Acute Tox. 3 Aquatic Chroni Aquatic Acute Skin Sens. 1 Skin Corr. 1B Acute Tox. 3 Acute Tox. 3	c 1 1 No. 1272/2	H410 H400 H317 H314 H311 H301			
Classification	Acute Tox. 3 Aquatic Chroni Aquatic Acute Skin Sens. 1 Skin Corr. 1B Acute Tox. 3 Acute Tox. 3 Ilimits (Regulation (EC) Skin Corr. 1B	c 1 1 No. 1272/2 H314	H410 H400 H317 H314 H311 H301 2008) >= (			
Classification	Acute Tox. 3 Aquatic Chroni Aquatic Acute Skin Sens. 1 Skin Corr. 1B Acute Tox. 3 Acute Tox. 3 limits (Regulation (EC) Skin Corr. 1B Eye Irrit. 2	c 1 1 No. 1272/2 H314 H319	H410 H400 H317 H314 H311 H301 2008) >= ( <= (	0,06 < 0,6		
Classification	Acute Tox. 3 Aquatic Chroni Aquatic Acute Skin Sens. 1 Skin Corr. 1B Acute Tox. 3 Acute Tox. 3 limits (Regulation (EC) Skin Corr. 1B Eye Irrit. 2 Skin Irrit. 2	c 1 1 No. 1272/2 H314 H319 H315	H410 H400 H317 H314 H311 H301 2008) >= ( <= (	0,06 < 0,6 0,06 < 0,6		
Classification	Acute Tox. 3 Aquatic Chroni Aquatic Acute Skin Sens. 1 Skin Corr. 1B Acute Tox. 3 Acute Tox. 3 limits (Regulation (EC) Skin Corr. 1B Eye Irrit. 2 Skin Irrit. 2 Skin Sens. 1	c 1 1 No. 1272/2 H314 H319	H410 H400 H317 H314 H311 H301 2008) >= ( <= (	0,06 < 0,6		

Trade name: Marabu Textil	Starter-Set 067					Marabu
		Version		- / \ A		Date revised: 09.01.2020
Substance number: 17160	0087-067	Replace	s Versio	n: 5/W	ORLD	Print date: 10.01.20
EINECS no.	220-239-6			0.0045	0/	
Concentration			<	0,0015	%	
Classification (Regu	. ,	272/2008)	11004			
	Acute Tox. 3 Acute Tox. 2		H301 H330			
	Skin Corr. 1B		H314			
	Eye Dam. 1		H318			
	Aquatic Acute	e 1	H400			
	Skin Sens. 1/		H317			
	Aquatic Chro	nic 1	H410			
	Acute Tox. 3		H311			
Concentration limits						
	Skin Sens. 1/			0,0015		
	Aquatic Acute	e 1 H400	) M =	10		
<b>SECTION 4: First ai</b>	d measures	5				
4.1. Description of fire		-				
-	alu measur	53				
After skin contact		D NOT				
Wash with plenty of	water and soap.	Do NOT us	se solven	its or thir	ners.	
After eye contact						
Separate eyelids, w	ash the eyes tho	roughly with	n water (*	15 min.).	In case of	irritation consult an oculist.
After ingestion						
Rinse mouth thorou medical treatment.	ghly with water. I	f larger am	ounts are	e swallow	ved or in the	e event of symptoms take
4.2. Most important sy Until now no sympto		•	both ac	cute an	d delaye	d
4.3. Indication of any	immediate me	edical att	ention	and sp	ecial tre	atment needed
Hints for the physic				•		
Treat symptomatica		•				
i i odi ojinpionatio						
SECTION 5: Firefigh	nting measu	ires				
5.1. Extinguishing me	dia					
Suitable extinguish						
Carbon dioxide, Fo	-					
5.2. Special hazards a		no cubeta	nco or	mixtu	0	
						arbon dioxide (CO2); dense
5.3. Advice for firefigh	iters					
Other information						
Collect contaminate	d fire-fighting wa	ter separate	ely, must	not be d	lischarged	into the drains.
SECTION 6: Accide	<u>ntal rel</u> ease	<u>mea</u> su	res			
6.1. Personal precauti				nd omo	rdency r	procedures
No particular measure		e equipi			- gency p	

## 6.2. Environmental precautions

Safety data sheet in accordance with	regulation (EC) No 1907/2006						
Trade name: Marabu Textil Starter-Set	067		N				
	Version: 6 /	Da	te revised: 09.01.2020				
Substance number: 171600087-067	Replaces Version: 5 /	WORLD	Print date: 10.01.20				
No particular measures required	No particular measures required.						
6.3. Methods and material for concerning the concerning of the con	-	ир					
6.4. Reference to other sections Information regarding Safe hand see Section 8. Information regar	lling, see Section 7. Information		protective measures,				
SECTION 7: Handling and s	torage						
7.1. Precautions for safe handli	ng						
Advice on safe handling							
Avoid skin and eye contact. Smo		be prohibited in appl	ication area.				
Advice on protection against No special measures required.	fire and explosion						
7.2. Conditions for safe storage	, including any incompa	tibilities					
Requirements for storage roo	ms and vessels						
Store in frostfree conditions.							
7.3. Specific end use(s) Paint							
SECTION 8: Exposure contr	ois/personal protecti	<u>on</u>					
8.1. Control parameters							
Other information							
There are not known any further							
Derived No/Minimal Effect Lev	vels (DNEL/DMEL)						
Bronopol (INN)							
Type of value	Derived No Effect Level (DNE) Worker	_)					
Reference group 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 (DNE	_)					
Reference group	Worker	-/					
Duration of exposure	Short term						
Route of exposure	inhalative						
Mode of action Concentration	Systemic effects 12,3	mg/m³					
Concentration	12,5	iiig/iii*					
Type of value	Derived No Effect Level (DNE	_)					
Reference group	Worker						
Duration of exposure	Long term inhalative						
Route of exposure Mode of action	Local effects						
Concentration	4,2	mg/m³					
Type of value	Derived No Effect Level (DNE	_)					
Reference group	Worker	,					
Duration of exposure	Short term						
Route of exposure	inhalative						

rade name: Marabu Textil Starter-Set	: 067	Marra
	Version: 6 /	Date revised: 09.01.202
Substance number: 171600087-067	Replaces Version: 5 / WORLD	Print date: 10.01.2
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
	Derived No Effect Level (DNEL)	
Type of value Reference group	Derived No Effect Level (DNEL) Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Local effects	
Concentration	13	µg/cm²
Concentration	13	µg/cm-
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 Reference group	Derived No Effect Level (DNEL) Consumer	
Duration of exposure	Short term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	3,7	mg/m³
Trans of the		
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action Concentration	Local effects 1,3	mg/m³
		J
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Short term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	1,3	mg/m³

	067	
ade name: Marabu Textil Starter-Set	Version: 6 /	Date revised: 09.01.2020
ubstance number: 171600087-067	Replaces Version: 5 / WORLD	Print date: 10.01.20
Type of value	Derived No Effect Level (DNEL)	
Reference group Duration of exposure	Consumer Long term	
Route of exposure	dermal	
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	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	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	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	oral	
Mode of action	Systemic effects	
Concentration	1,1	mg/kg/d
Predicted No Effect Concentry	ation (PNEC)	
Bronopol (INN)		
Type of value	PNEC	
Туре	Freshwater	
Concentration	0,01	mg/l
Type of value	PNEC	
Туре	Saltwater	
Concentration	0,001	mg/l
	PNEC	
Type of value Type	PNEC Water (intermittent release)	

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	067				$\Delta$
		Version: 6	6 /		Date revised: 09.01.20
Substance number: 171600087-067		Replaces V	ersion:	5 / WORLI	D Print date: 10.01.
Type of value	PNEC				
Туре	Sewag	e treatmen	t plant (	STP)	
Concentration		0,43			mg/l
Type of value	PNEC				
Туре	Freshv	vater sedim	ent		
Concentration		0,041			mg/kg
Type of value	PNEC				
Туре		e sediment			
Concentration		0,003			mg/kg
Type of value	PNEC				
Type	Soil				
Concentration		0,5			mg/kg
8.2. Exposure controls					
Exposure controls					
Provide adequate ventilation.					
Odour	odourle	ess			
Odour threshold					
Remarks	No dat	a available			
pH value					
Value		8	to	9	
Value Temperature	WTW	20	to °C	9	
Value Temperature Method	WTW			9	
Value Temperature Method <b>Melting point</b>		20 PH 340		9	
Value Temperature Method <b>Melting point</b> Remarks		20		9	
Value Temperature Method <b>Melting point</b>	not del	20 PH 340		9	
Value Temperature Method <b>Melting point</b> Remarks <b>Freezing point</b> Remarks	not det not det	20 PH 340 termined termined		9	
Value Temperature Method <b>Melting point</b> Remarks <b>Freezing point</b>	not det not det	20 PH 340 termined termined		9	°C
Value Temperature Method <b>Melting point</b> Remarks <b>Freezing point</b> Remarks <b>Initial boiling point and boilin</b> Value Pressure	not det not det <b>ig range</b> appr.	20 PH 340 termined termined <b>9</b> 100 1.013		9	°C
Value Temperature Method <b>Melting point</b> Remarks <b>Freezing point</b> Remarks <b>Initial boiling point and boilin</b> Value Pressure Source	not det not det <b>ig range</b> appr.	20 PH 340 termined termined <b>9</b> 100	°C	9	°C
Value Temperature Method <b>Melting point</b> Remarks <b>Freezing point</b> Remarks <b>Initial boiling point and boilin</b> Value Pressure Source <b>Flash point</b>	not det not det <b>ng range</b> appr. Literate	20 PH 340 termined termined <b>9</b> 100 1.013 ure value	°C	9	°C
Value Temperature Method <b>Melting point</b> Remarks <b>Freezing point</b> Remarks <b>Initial boiling point and boilin</b> Value Pressure Source <b>Flash point</b> Remarks	not det not det <b>ng range</b> appr. Literate	20 PH 340 termined termined <b>9</b> 100 1.013	°C	9	°C
Value Temperature Method Melting point Remarks Freezing point Remarks Initial boiling point and boilin Value Pressure Source Flash point Remarks Evaporation rate (ether = 1) :	not det not det <b>ng range</b> appr. Literate Not ap	20 PH 340 termined termined <b>9</b> 1.013 ure value plicable	°C	9	°C
Value Temperature Method Melting point Remarks Freezing point Remarks Initial boiling point and boilin Value Pressure Source Flash point Remarks Evaporation rate (ether = 1) : Remarks	not det not det <b>ng range</b> appr. Literate Not ap	20 PH 340 termined termined <b>9</b> 100 1.013 ure value	°C	9	°C
Value Temperature Method Melting point Remarks Freezing point Remarks Initial boiling point and boilin Value Pressure Source Flash point Remarks Evaporation rate (ether = 1) :	not det not det <b>ng range</b> appr. Literate Not ap	20 PH 340 termined termined <b>9</b> 1.013 ure value plicable	°C	9	°C
Value Temperature Method Melting point Remarks Freezing point Remarks Initial boiling point and boilin Value Pressure Source Flash point Remarks Evaporation rate (ether = 1) : Remarks Flammability (solid, gas)	not def not def <b>ig range</b> appr. Literati Not ap not def	20 PH 340 termined termined <b>9</b> 1.013 ure value plicable termined	°C	9	°C
Value Temperature Method Melting point Remarks Freezing point Remarks Initial boiling point and boiling Value Pressure Source Flash point Remarks Evaporation rate (ether = 1) : Remarks Flammability (solid, gas) Not applicable	not def not def <b>og range</b> appr. Literate Not ap not def	20 PH 340 termined termined <b>9</b> 1.013 ure value plicable termined	°C	9	°C
Value Temperature Method Melting point Remarks Freezing point Remarks Initial boiling point and boiling Value Pressure Source Flash point Remarks Evaporation rate (ether = 1) : Remarks Flammability (solid, gas) Not applicable Upper/lower flammability or e	not def not def <b>og range</b> appr. Literate Not ap not def	20 PH 340 termined termined 9 100 1.013 ure value plicable termined	°C	9	°C
Value Temperature Method Melting point Remarks Freezing point Remarks Initial boiling point and boilin Value Pressure Source Flash point Remarks Evaporation rate (ether = 1) : Remarks Flammability (solid, gas) Not applicable Upper/lower flammability or e Remarks	not def not def <b>og range</b> appr. Literate Not ap not def	20 PH 340 termined termined 9 100 1.013 ure value plicable termined	°C	9	°C

Trade name: Marabu Textil Starter	r 0 at 007	
	r-Set 067 Version: 6/	Marabu Date revised: 09.01.2020
Substance number: 171600087-0		Print date: 10.01.20
Method	Value taken from the literature	
Vapour density		
Remarks	not determined	
Density		
Value	1,02 g/cm	3
Temperature	20 °C	
Method	DIN EN ISO 2811	
Solubility in water		
Remarks	miscible	
Ignition temperature		
Remarks	not determined	
Viscosity		
Remarks		
Remarks	not determined	
9.2. Other information		
Other information		
None known		
SECTION 10: Stability ar	<u>nd reactivity</u>	
10.1. Reactivity		
None		
<b>10.2. Chemical stability</b> No hazardous reactions kr	nown.	
10.3. Possibility of hazardo		
No hazardous reactions kr	nown.	
No hazardous reactions kr 10.4. Conditions to avoid No hazardous reactions kr		
10.4. Conditions to avoid	nown.	
<ul> <li>10.4. Conditions to avoid No hazardous reactions kr</li> <li>10.5. Incompatible material None</li> <li>10.6. Hazardous decompos</li> </ul>	nown. Is sition products	
<ul> <li>10.4. Conditions to avoid No hazardous reactions kr</li> <li>10.5. Incompatible material None</li> </ul>	nown. Is sition products	
<ul> <li>10.4. Conditions to avoid No hazardous reactions kr</li> <li>10.5. Incompatible material None</li> <li>10.6. Hazardous decomposition</li> </ul>	nown. Is sition products tion products known.	
<ul> <li>10.4. Conditions to avoid No hazardous reactions kr</li> <li>10.5. Incompatible material None</li> <li>10.6. Hazardous decompos No hazardous decomposit</li> <li>SECTION 11: Toxicologi</li> </ul>	nown. Is sition products tion products known. ical information	
<ul> <li>10.4. Conditions to avoid No hazardous reactions kr</li> <li>10.5. Incompatible material None</li> <li>10.6. Hazardous decompos No hazardous decomposit</li> <li>SECTION 11: Toxicologi</li> <li>11.1. Information on toxicol</li> </ul>	nown. Is sition products tion products known. ical information	
<ul> <li>10.4. Conditions to avoid No hazardous reactions kr</li> <li>10.5. Incompatible material None</li> <li>10.6. Hazardous decompos No hazardous decomposit</li> <li>SECTION 11: Toxicologi</li> <li>11.1. Information on toxicol Acute oral toxicity</li> </ul>	nown. Is sition products tion products known. ical information blogical effects	eria are not met
<ul> <li>10.4. Conditions to avoid No hazardous reactions kn</li> <li>10.5. Incompatible material None</li> <li>10.6. Hazardous decompos No hazardous decomposit</li> <li>SECTION 11: Toxicologi</li> <li>11.1. Information on toxicol Acute oral toxicity Remarks</li> </ul>	nown. Is sition products tion products known. <u>ical information</u> logical effects Based on available data, the classification crite	eria are not met.
<ul> <li>10.4. Conditions to avoid No hazardous reactions kn</li> <li>10.5. Incompatible material None</li> <li>10.6. Hazardous decomposit</li> <li>10.6. Hazardous decomposit</li> <li>SECTION 11: Toxicologi</li> <li>11.1. Information on toxicol Acute oral toxicity Remarks</li> <li>Acute oral toxicity (Comp</li> </ul>	nown. Is sition products tion products known. <u>ical information</u> logical effects Based on available data, the classification crite	eria are not met.
<ul> <li>10.4. Conditions to avoid No hazardous reactions kn</li> <li>10.5. Incompatible material None</li> <li>10.6. Hazardous decompos No hazardous decomposit</li> <li>SECTION 11: Toxicologi</li> <li>11.1. Information on toxicol Acute oral toxicity Remarks</li> <li>Acute oral toxicity (Comp Pyrithione zinc</li> </ul>	nown. Is sition products tion products known. ical information logical effects Based on available data, the classification crite ponents)	eria are not met.
<ul> <li>10.4. Conditions to avoid No hazardous reactions kn</li> <li>10.5. Incompatible material None</li> <li>10.6. Hazardous decompos No hazardous decomposit</li> <li>SECTION 11: Toxicologi</li> <li>11.1. Information on toxicol Acute oral toxicity Remarks</li> <li>Acute oral toxicity (Comp Pyrithione zinc Species</li> </ul>	nown. Is sition products tion products known. ical information blogical effects Based on available data, the classification criter ponents) Rats (male/female)	eria are not met.
<ul> <li>10.4. Conditions to avoid No hazardous reactions kn</li> <li>10.5. Incompatible material None</li> <li>10.6. Hazardous decompos No hazardous decomposit</li> <li>SECTION 11: Toxicologi</li> <li>11.1. Information on toxicol Acute oral toxicity Remarks</li> <li>Acute oral toxicity (Comp Pyrithione zinc</li> </ul>	nown. Is sition products tion products known. ical information logical effects Based on available data, the classification crite ponents)	eria are not met.
<ul> <li>10.4. Conditions to avoid No hazardous reactions kn</li> <li>10.5. Incompatible material None</li> <li>10.6. Hazardous decomposit</li> <li>10.6. Hazardous decomposit</li> <li>SECTION 11: Toxicologi</li> <li>11.1. Information on toxicol</li> <li>Acute oral toxicity Remarks</li> <li>Acute oral toxicity (Comp</li> <li>Pyrithione zinc Species LD50 Method</li> </ul>	nown. Is sition products tion products known. <u>ical information</u> logical effects Based on available data, the classification criter ponents) Rats (male/female) 269 mg/kg	eria are not met.
<ul> <li>10.4. Conditions to avoid No hazardous reactions kn</li> <li>10.5. Incompatible material None</li> <li>10.6. Hazardous decomposit</li> <li>10.6. Hazardous decomposit</li> <li>SECTION 11: Toxicologi</li> <li>11.1. Information on toxicol</li> <li>Acute oral toxicity Remarks</li> <li>Acute oral toxicity (Comp Pyrithione zinc Species LD50 Method</li> <li>Acute dermal toxicity</li> </ul>	nown. Is sition products tion products known. ical information blogical effects Based on available data, the classification criter ponents) Rats (male/female) 269 mg/kg OECD 401	
<ul> <li>10.4. Conditions to avoid No hazardous reactions kn</li> <li>10.5. Incompatible material None</li> <li>10.6. Hazardous decompose No hazardous decomposit</li> <li>SECTION 11: Toxicologi</li> <li>11.1. Information on toxicol Acute oral toxicity Remarks</li> <li>Acute oral toxicity (Comp Pyrithione zinc Species LD50 Method</li> <li>Acute dermal toxicity Remarks</li> </ul>	nown. Is sition products tion products known. ical information blogical effects Based on available data, the classification criter ponents) Rats (male/female) 269 mg/kg OECD 401 Based on available data, the classification criter	
<ul> <li>10.4. Conditions to avoid No hazardous reactions kn</li> <li>10.5. Incompatible material None</li> <li>10.6. Hazardous decomposit</li> <li>10.6. Hazardous decomposit</li> <li>SECTION 11: Toxicologi</li> <li>11.1. Information on toxicol</li> <li>Acute oral toxicity Remarks</li> <li>Acute oral toxicity (Comp Pyrithione zinc Species LD50 Method</li> <li>Acute dermal toxicity</li> </ul>	nown. Is sition products tion products known. ical information blogical effects Based on available data, the classification criter ponents) Rats (male/female) 269 mg/kg OECD 401 Based on available data, the classification criter	eria are not met.

Safety data sheet in accordance w	vith regula	ation (EC)	No 1907/2	2006			
Trade name: Marabu Textil Starter-	Set 067						Marabu
	_	Version:				Date revised:	
Substance number: 171600087-06	57	Replace	s Version:	5 / WORL	.D	Print da	ate: 10.01.20
Acute inhalative toxicity (0	Compone	ents)					
Pyrithione zinc							
Species	rat				4		
LC50 Administration/Form	Dust/Mis	0,84 st		n	ng/l		
Method	OECD 4						
Skin corrosion/irritation							
Remarks	Based o	on available	e data, the	classification	on criteria ar	re not met.	
Serious eye damage/irritat	tion						
Remarks	Based o	on available	e data, the	classification	on criteria ar	re not met.	
Sensitization							
Remarks	Based o	on available	e data, the	classification	on criteria ar	re not met.	
Mutagenicity							
Remarks	Based o	on available	e data, the	classification	on criteria ar	re not met.	
Reproductive toxicity							
Remarks	Based o	on available	e data, the	classification	on criteria ar	re not met.	
Carcinogenicity							
Remarks	Based o	on available	e data, the	classification	on criteria ar	re not met.	
Specific Target Organ Tox	cicity (ST	OT)					
Single exposure							
Remarks	Based o	on available	e data, the	classification	on criteria ar	re not met.	
<b>Repeated exposure</b> Remarks	Based o	on available	e data, the	classificatio	on criteria ar	re not met.	
Aspiration hazard							
Based on available data, the	e classifica	ation criteri	a are not n	net.			
Experience in practice							
Provided all the recommend risk to health can be expect	•	tive and sa	ifety preca	utions are t	aken, exper	ience shows t	hat no
Other information							
There are no data available The mixture has been asses 1272/2008 and classified fo	ssed follow	ving the ad	lditivity me		CLP Regula	ation (EC) No	
SECTION 12: Ecological	informa	ation					
12.1. Toxicity							
General information							
There are no data available	on the mix	xture itself.	Do not allo	ow to enter	drains or wa	ater courses.T	he
mixture has been assessed and is not classified as dang	following t	the summa	ation metho				
Fish toxicity (Components	5)						
Pyrithione zinc							
Species		trout (Onc	orhynchus		4		
LC50 Duration of exposure		0,14 96	h	n	ng/l		
Bronopol (INN)							
Species	rainbow	trout (Ond	orhynchus	s mykiss)			
LC50		3		n	ng/l		
Duration of exposure		96	h				

ade name: Marabu Textil Starter-S	et 067					Mar
		Version				Date revised: 09.01.202
ubstance number: 171600087-067		Replace	es Version:	5 / WOF	RLD	Print date: 10.01.2
Method	OECD 2	203				
Bronopol (INN)						
Species			corhynchus	mykiss)		
NOEC		2,61			mg/l	
Duration of exposure Method	OECD 2	28	d			
				00 047 F	00 71 and	
A mixture of: 5-Chloro-2-met 2-Methyl-2H-isothiazol-3-one Species	[EC-no. rainbow	220-239-0 trout (On		M)IT/MIT		
LC50		0,188			mg/l	
Duration of exposure		96	h			
Daphnia toxicity (Compone	nts)					
Pyrithione zinc						
Species	Daphnia	a magna				
EC50	•	0,05			mg/l	
Duration of exposure		48	h			
Bronopol (INN)						
Species	Daphnia	a magna				
EC50		1,04			mg/l	
Duration of exposure		48	h			
Method	OECD 2	202				
Bronopol (INN)	Dankais					
Species NOEC	•	a magna			ma/l	
Duration of exposure		0,06 21	d		mg/l	
Method	OECD 2		u			
A mixture of: 5-Chloro-2-met 2-Methyl-2H-isothiazol-3-one						
Species	Daphnia				···· //	
EC50		0,126 48	h		mg/l	
Duration of exposure		40	11			
Algae toxicity (Components	5)					
Pyrithione zinc						
Species			icornutum			
IC50		0,067 72	h		mg/l	
Duration of exposure		72	h			
Bronopol (INN)	Dooudo	kirobooria		ata		
Species EC50		kirchnerie 0,068	la subcapita	aid	mg/l	
Duration of exposure		72	h		iiig/i	
Method	OECD 2					
Bronopol (INN)	_					
Species	Pseudo	kirchneriel	la subcapita	ata		
NOEC		0,0025	•		mg/l	
Duration of exposure Method	OECD 2	72 201	h			
A mixture of: 5-Chloro-2-met 2-Methyl-2H-isothiazol-3-one	[EC-no.	220-239-	6] (3:1) / C(			
Species			icornutum			
EC50 Duration of exposure		0,027 72	h		mg/l	
		14	11			

rade name: Marabu Textil \$	Starter-Set 067 Version	6/		Date revised: 09.01.20
Substance number: 171600		• •	5 / WORLD	Print date: 10.01.
There are no data av	vailable on the mixture itself			
12.3. Bioaccumulative	•			
General information There are no data av	vailable on the mixture itself			
12.4. Mobility in soil				
General information There are no data av	vailable on the mixture itself			
2.5. Results of PBT a	nd vPvB assessment			
General information				
12.6. Other adverse eff	vailable on the mixture itself			
General information				
There are no data av	vailable on the mixture itself			
ECTION 13: Dispos	sal considerations			
3.1. Waste treatment	methods			
Disposal recommen The product can be with water and put in	dations for the product placed with other household to the drainage system.	l refuse. Sn	nall residues in con	tainers can be washed-out
Disposal recommen The product can be j with water and put in Disposal recommen Packaging that cann Completely emptied	dations for the product placed with other household to the drainage system. dations for packaging ot be cleaned should be dis packagings can be given for	posed off a	s product waste.	tainers can be washed-out
The product can be with water and put in <b>Disposal recommen</b> Packaging that cann	dations for the product placed with other household to the drainage system. dations for packaging ot be cleaned should be dis packagings can be given for	posed off a r recycling. Mar	is product waste.	Air transport
Disposal recommen The product can be p with water and put in Disposal recommen Packaging that cann Completely emptied	dations for the product placed with other household ito the drainage system. dations for packaging ot be cleaned should be dis packagings can be given for cort information Land transport ADR/RID	posed off a r recycling. Mar IM	is product waste. ine transport DG/GGVSee	Air transport ICAO/IATA
Disposal recommen The product can be p with water and put in Disposal recommen Packaging that cann Completely emptied	dations for the product placed with other household ito the drainage system. dations for packaging ot be cleaned should be dis packagings can be given for port information	posed off a r recycling. Mar IM	is product waste.	Air transport
Disposal recommen The product can be p with water and put in Disposal recommen Packaging that cann Completely emptied ECTION 14: Transp	dations for the product placed with other household ito the drainage system. dations for packaging ot be cleaned should be dis packagings can be given for cort information Land transport ADR/RID The product does not constitute hazardous substance in land	posed off a r recycling. Mar IM	is product waste. ine transport DG/GGVSee ct does not constitute a bus substance in sea	Air transport ICAO/IATA The product does not constitute a hazardous substance in air
Disposal recommen The product can be j with water and put in Disposal recommen Packaging that cann Completely emptied ECTION 14: Transport 14.2. UN proper shipping name 14.3. Transport hazard	dations for the product placed with other household ito the drainage system. dations for packaging ot be cleaned should be dis packagings can be given for cort information Land transport ADR/RID The product does not constitute a hazardous substance in land transport	posed off a r recycling. Mar IM	ine transport DG/GGVSee ct does not constitute a rus substance in sea transport	Air transport ICAO/IATA The product does not constitute a hazardous substance in air
Disposal recommen The product can be p with water and put in Disposal recommen Packaging that cann Completely emptied ECTION 14: Transport 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class(es)	dations for the product placed with other household ito the drainage system. dations for packaging ot be cleaned should be dis packagings can be given for cort information Land transport ADR/RID The product does not constitute a hazardous substance in land transport	posed off a r recycling. Mar IM	ine transport DG/GGVSee ct does not constitute a rus substance in sea transport	Air transport ICAO/IATA The product does not constitute a hazardous substance in air
Disposal recommen The product can be p with water and put in Disposal recommen Packaging that cann Completely emptied ECTION 14: Transport 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class(es) Subsidiary risk	dations for the product placed with other household ito the drainage system. dations for packaging ot be cleaned should be dis packagings can be given for cort information Land transport ADR/RID The product does not constitute a hazardous substance in land transport	posed off a r recycling. Mar IM	ine transport DG/GGVSee ct does not constitute a rus substance in sea transport	Air transport ICAO/IATA The product does not constitute a hazardous substance in air
Disposal recommen The product can be p with water and put in Disposal recommen Packaging that cann Completely emptied ECTION 14: Transp ECTION 14: Transport 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class(es) Subsidiary risk Label	dations for the product placed with other household ito the drainage system. dations for packaging ot be cleaned should be dis packagings can be given for cort information Land transport ADR/RID The product does not constitute a hazardous substance in land transport	posed off a r recycling. Mar IM	ine transport DG/GGVSee ct does not constitute a rus substance in sea transport	Air transport ICAO/IATA The product does not constitute a hazardous substance in air
Disposal recommen The product can be p with water and put in Disposal recommen Packaging that cann Completely emptied ECTION 14: Transp ECTION 14: Transp EC	dations for the product placed with other household ito the drainage system. dations for packaging ot be cleaned should be dis packagings can be given for cort information Land transport ADR/RID The product does not constitute a hazardous substance in land transport	posed off a r recycling. Mar IM	ine transport DG/GGVSee ct does not constitute a rus substance in sea transport	Air transport ICAO/IATA The product does not constitute a hazardous substance in air
Disposal recommen The product can be j with water and put in Disposal recommen Packaging that cann Completely emptied	dations for the product placed with other household ito the drainage system. dations for packaging ot be cleaned should be dis packagings can be given for <u>cort information</u> Land transport ADR/RID The product does not constitute hazardous substance in land transport	posed off a r recycling. Mar IM	ine transport DG/GGVSee ct does not constitute a rus substance in sea transport	Air transport ICAO/IATA The product does not constitute a hazardous substance in air

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

Trade name: Marabu Textil Starter-Set 067

Version: 6 /

Date revised: 09.01.2020 Print date: 10.01.20

Substance number: 171600087-067

Replaces Version: 5 / WORLD

### 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

## 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

H301	Toxic if swallowed.
H302	Harmful if swallowed.
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 effects.

#### **CLP** categories listed in 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, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Eye Dam. 1	Serious eye damage, Category 1
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1A	Skin sensitization, Category 1A
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

#### Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*

Trade name: Marabu Textil Starter-Set 067				
	Version: 6 /		Date revised: 09.01.2	
ubstance number: 171600087-067	Replaces Version:	5 / WORLD	Print date: 10.0	
This information is based on our pres guarantee for any specific product pr The information in this Safety Data S legislation. It provides guidance on health, safet construed as any guarantee of techn The product should not be used for p to the supplier and obtaining written As the specific conditions of use of th for ensuring that the requirements of The information contained in this safe workplace risks, as required by other	operties and shall not sheet is based on the p y and environmental a ical performance or su purposes other than the handling instructions. The product are outside relevant legislation are ety data sheet does not	establish a legally v present state of know spects of the produc uitability for particula ose shown in Section the supplier's contru- e complied with. of constitute the use	alid relationship. wledge and current ct and should not be ir applications. in 1 without first referring ol, the user is responsible	