SECTION 1: Identific	ation of the substance	/mixture and of the	9
company/undertakin			<u> </u>
1.1. Product identifier Marabu CandleLinerS	Gort10x25ml XMAS 216		
1.2. Relevant identified	uses of the substance or	mixture and uses adv	vised against
Use of the substance/p Paint	reparation		
1.3. Details of the suppl	lier of the safety data shee	et	
Address/Manufacture	er		
Marabu GmbH & Co. Asperger Strasse 4 71732 Tamm Germany Telephone no.	KG +49-7141/691-0	Importer - S&S Wholesale Pty. 1 18/10 Pioneer Avenu Thornleigh NSW 21	Je,
Fax no. Information provided	+49-7141/691-147 Department product safety	Tel: 1300 731 529	Fax: 1300 739 715
by / telephone E-mail address of person responsible	PRSI@marabu.com	Emergency Contact: S&S Wholesale Pty. Tel: 1300 731 529	Limited Fax: 1300 739 715
for this SDS 1.4. Emergency telepho (+49) (0)621-60-4333			
SECTION 2: Hazards	idantification		
2.1. Classification of the		with Regulation (EC) No 12	272/2008.
2.2. Label elements		0 ()	
	to regulation (EC) No 12	72/2008	
EUH208 Contains	A mixture of: 5-Chloro-2-methyl 2-Methyl-2H-isothiazol-3-one [E 1,2-Benzisothiazol-3(2h)-one, N	-2h-isothiazol-3-one [EC-nd EC-no. 220-239-6] (3:1) / C(M)IT/MIT (3:1),
Supplemental inform	ation		
Contains a biocidal pr	o regulation (EU) No 528/20 oduct: A mixture of: 5-Chloro-2-m ol-3-one [EC-no. 220-239-6] (3:1)	nethyl-2h-isothiazol-3-one [l	EC-no. 247-500-7] and
2.3. Other hazards No special hazards ha	ave to be mentioned.		
SECTION 3: Compos	ition/information on in	gredients ***	
3.2. Mixtures			
Chemical characteriz Paint based on wax a			
Hazardous ingredien			
Alcohols C16-C18, eth	oxylated		
L	Page 1(13)	

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

Trade name: Marabu CandleLinerSort10x25ml XMAS 216

Version: 9 /

Date revised: 01.10.2021 Print date: 01.10.21

Substance number: 1805000009881-216

Replaces Version: 8 / WORLD

ade name: Marabu Cand	eLinerSort10x25	5ml XMAS	216			Ma
		Versio	n: 9/			Date revised: 01.10.20
ubstance number: 18050	00009881-216	Repla	ces Versi	on: 8/W	/ORLD	Print date: 01.10.
CAS No.	68439-49-6			4.0	<u>.</u>	
Concentration	>=	1	<	10	%	
Classification (Regu		1272/2008				
	Eye Irrit. 2		H319			
Pyridin-2-thiol-1-oxi						
CAS No.	3811-73-2					
EINECS no. Concentration	223-296-5	0,001		0,1	%	
Concentration	>=	0,001	<	0,1	70	
Classification (Regu		1272/2008				
	Eye Dam. 1		H318			
	Acute Tox. 4 Acute Tox. 4		H302 H332			
	Aquatic Acut		H400			
	Aquatic Chro		H400			
Concentration limits	(Regulation (EC	C) No. 127	2/2008)			
	Aquatic Acut			= 100		
1,2-Benzisothiazol-3						
CAS No. EINECS no.	2634-33-5 220-120-9					
Concentration	220-120-9		<	0,05	%	
Classification (Regu	ulation (EC) No	1272/2008	3			
Classification (rege	Aquatic Acut		, H400			
	Skin Sens. 1		H317			
	Acute Tox. 4		H302			
	Skin Irrit. 2		H315			
	Eye Dam. 1		H318			
	Acute Tox. 2		H330			
	Aquatic Chro	nic 2	H411			
Concentration limits	(Regulation (EC Skin Sens. 1			0.05		
Bronopol (INN)		110		0,00		
CAS No.	52-51-7					
EINECS no.	200-143-0					
Registration no. Concentration	01-21199809 >=	938-15 0,01	<	0,1	%	
		·		0,1	70	
Classification (Regu	Ilation (EC) No. Eye Dam. 1	1272/2008	5) H318			
	Skin Irrit. 2		H315			
	STOT SE 3		H335			
	Acute Tox. 4		H302			
	Acute Tox. 4		H312			
	Aquatic Acut		H400			
	Aquatic Chro	DINC 1	H410			
Concentration limits				40		
	Aquatic Acut			= 10		
	Aquatic Chro	onic H4	IU M	= 1		

le name: Marabu Cano stance number: 18050	V	/ersion:	9 /	n: 8/WO	RLD	Marab Date revised: 01.10.202 Print date: 01.10.2
CAS No.	55965-84-9					
Concentration	>= 0,0	01	<	0,0015	%	
Classification (Reg	ulation (EC) No. 1272 Acute Tox. 2 Aquatic Chronic 1 Aquatic Acute 1 Skin Sens. 1A Skin Corr. 1C Acute Tox. 2 Acute Tox. 3 Eye Dam. 1		H330 H410 H400 H317 H314 H310 H301 H318			
Concentration limit	s (Regulation (EC) No					
	Skin Corr. 1C Eye Irrit. 2 Skin Irrit. 2 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1 Evo Dom. 1	H410	<= (>= (M = M =),06 < 0,6),06 < 0,6),0015 100 100		
	Eye Dam. 1	H318	>= (),6 %		

SECTION 4: First aid measures

4.1. Description of first aid measures

After skin contact

Wash with plenty of water and soap. Do NOT use solvents or thinners.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Rinse mouth thoroughly with water. If larger amounts are swallowed or in the event of symptoms take medical treatment.

4.2. Most important symptoms and effects, both acute and delayed Until now no symptoms known so far.

4.3. Indication of any immediate medical attention and special treatment needed Hints for the physician / treatment

Treat symptomatically

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Carbon dioxide, Foam, Sand, Water

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO2); dense black smoke

5.3. Advice for firefighters

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains.

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

Trade name: Marabu CandleLinerSort10x25ml XMAS 216

Version: 9 / Replaces Version: 8 / WORLD Date revised: 01.10.2021 Print date: 01.10.21

Substance number: 1805000009881-216

SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures No particular measures required.
- **6.2. Environmental precautions** No particular measures required.
- 6.3. Methods and material for containment and cleaning up Clean preferably with a detergent - avoid use of solvents.
- **6.4. Reference to other sections** Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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.

7.2. Conditions for safe storage, including any incompatibilities Requirements for storage rooms and vessels

Store in frostfree conditions.

7.3. Specific end use(s)

Paint

SECTION 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)

Bronopol (INN)

Type of value Reference group Duration of exposure Route of exposure Mode of action Concentration	Derived No Effect Level (DNEL) Worker Long term inhalative Systemic effects 4,1	mg/m³
Type of value Reference group Duration of exposure Route of exposure Mode of action Concentration	Derived No Effect Level (DNEL) Worker Short term inhalative Systemic effects 12,3	mg/m³
Type of value Reference group Duration of exposure Route of exposure	Derived No Effect Level (DNEL) Worker Long term inhalative	

Safety data sheet in accordance with	regulation (EC) No 1907/2006	
Trade name: Marabu CandleLinerSort10	Dx25ml XMAS 216	
	Version: 9/	Date revised: 01.10.2021
Substance number: 1805000009881-2	16 Replaces Version: 8 / WORLD	Print date: 01.10.21
Mode of action	Local effects	
Concentration	4,2	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	Local effects	
Concentration	4,2	mg/m³
	Derived No Effect Level (DNEL)	
Type of value	Worker	
Reference group Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	2,3	mg/kg/d
Concentration	2,5	ing/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	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term dermal	
Route of exposure Mode of action	Local effects	
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) Consumer	
Reference group Duration of exposure	Short term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	3,7	mg/m³
T ()		
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure Mode of action	inhalative Local effects	
		ma/m ³
Concentration	1,3	mg/m³

rade name: Marabu Candle	LinerSort10x25r	nI XMAS 216	
		Version: 9 /	Date revised: 01.10.202
Substance number: 180500	0009881-216	Replaces Version: 8 / WORLD	Print date: 01.10.2
Type of value	Deri	ved No Effect Level (DNEL)	
Reference group		sumer	
Duration of exposure		rt term	
Route of exposure		lative	
Mode of action	Loca	al effects	
Concentration		1,3	mg/m³
Type of value		ved No Effect Level (DNEL)	
Reference group		sumer	
Duration of exposure Route of exposure	derr	g term	
Mode of action		temic effects	
Concentration	Cys	1,4	mg/kg/d
		.,.	
Type of value		ved No Effect Level (DNEL)	
Reference group		sumer	
Duration of exposure		rt term	
Route of exposure Mode of action	derr	iemic effects	
Concentration	Cys	4,2	mg/kg/d
- /	_		
Type of value		ved No Effect Level (DNEL) sumer	
Reference group Duration of exposure		g term	
Route of exposure	derr		
Mode of action		al effects	
Concentration		8	µg/cm²
Type of value	Deri	ved No Effect Level (DNEL)	
Reference group		sumer	
Duration of exposure	Sho	rt term	
Route of exposure	derr		
Mode of action	Loca	al effects	
Concentration		8	µg/cm²
Type of value		ved No Effect Level (DNEL)	
Reference group		sumer	
Duration of exposure		g term	
Route of exposure Mode of action	oral	emic effects	
Concentration	Oys	0,35	mg/kg/d
Concontration		0,00	mg, ng, a
Type of value		ved No Effect Level (DNEL)	
Reference group		sumer	
Duration of exposure		rt term	
Route of exposure Mode of action	oral	emic effects	
Concentration	Gys	1,1	mg/kg/d
Predicted No Effect	Concentration	(PNEC)	
Bronopol (INN)			
Type of value	PNE	C	
		shwater	
Туре	1100	innator	
Concentration	1100	0,01	mg/l

rade name: Marabu CandleLiner		I XMAS 216 Version: Replaces	9 /	: 8/WO	RLD	Date revised: Print da	Mar 01.10.202 ate: 01.10.2
	001 210	Ropidooo	Vereien	,			
Type Concentration	Saltv	vater 0,001			mg	n/l	
Concentration		·			mg	<i>y</i> , i	
Type of value	PNE		nt roloo				
Type Concentration	vvale	er (intermitte 0,003	int releas	se)	mg	g/I	
Type of value	PNE	С					
Туре	Sewa	age treatme	nt plant	(STP)			
Concentration		0,43			mg	g/l	
Type of value	PNE	-					
Type	Fres	hwater sedir	ment			n/ka	
Concentration		0,041			mg	g/kg	
Type of value	PNE	-					
Туре	Marii	ne sediment	i				
Concentration		0,003			mg	g/kg	
Type of value	PNE	С					
Type Concentration	Soil	0,5				g/kg	
8.2. Exposure controls Exposure controls Provide adequate ventilat			1				
Exposure controls	nd chemi			_			
Exposure controls Provide adequate ventilat ECTION 9: Physical ar 9.1. Information on basic p Form	nd chemi physical a liquid	nd chemi		_			
Exposure controls Provide adequate ventilat ECTION 9: Physical ar 9.1. Information on basic p Form Colour	nd chemi physical a liquic red	nd chemi		_			
Exposure controls Provide adequate ventilat ECTION 9: Physical ar 9.1. Information on basic p Form Colour Odour	nd chemi physical a liquid	nd chemi		_			
Exposure controls Provide adequate ventilat ECTION 9: Physical ar 9.1. Information on basic p Form Colour Odour Odour threshold	nd chemi physical an liquid red odou	n d chemi e I rless	cal pro	_			
Exposure controls Provide adequate ventilat ECTION 9: Physical ar 9.1. Information on basic p Form Colour Odour Odour Odour threshold Remarks	nd chemi physical an liquid red odou	nd chemi	cal pro	_			
Exposure controls Provide adequate ventilat ECTION 9: Physical ar 9.1. Information on basic p Form Colour Odour Odour threshold Remarks pH value	nd chemi physical an liquid red odou	n d chemi e I rless ata available	cal pro	- operties			
Exposure controls Provide adequate ventilat ECTION 9: Physical ar 9.1. Information on basic p Form Colour Odour Odour Odour threshold Remarks	nd chemi physical an liquid red odou	n d chemi e I rless	cal pro	_			
Exposure controls Provide adequate ventilat ECTION 9: Physical ar ECTION 9: Physical ar Form Colour Odour Odour Odour threshold Remarks pH value Value	nd chemi physical a liquid red odou No d	n d chemi I rless ata available 8	cal pro	- operties			
Exposure controls Provide adequate ventilat ECTION 9: Physical ar ECTION 9: Physical ar Form Colour Odour Odour Odour threshold Remarks pH value Value Temperature Method Melting point	nd chemi physical ar liquid red odou No d	nd chemie rless ata available 8 20 / PH 340	cal pro	- operties			
Exposure controls Provide adequate ventilat ECTION 9: Physical ar ECTION 9: Physical ar Form Colour Odour Odour Odour threshold Remarks pH value Value Temperature Method Melting point Remarks	nd chemi physical ar liquid red odou No d	n d chemi rless ata available 8 20	cal pro	- operties			
Exposure controls Provide adequate ventilat ECTION 9: Physical ar ECTION 9: Physical ar ECTION 9: Physical ar ECTION 9: Physical ar SECTION 9: Physical ar ECTION 9: Physical ar SECTION 9: Ph	nd chemi physical an liquic red odou No d WTV not d	nd chemie rless ata available 8 20 V PH 340 etermined	cal pro	- operties			
Exposure controls Provide adequate ventilat ECTION 9: Physical ar ECTION 9: Physical ar ECTION 9: Physical ar SECTION 9: Physical ar ECTION 9: Physical ar SECTION 9: P	nd chemi physical ar liquid red odou No d WTV not d not d	nd chemie rless ata available 8 20 / PH 340 etermined etermined	cal pro	- operties			
Exposure controls Provide adequate ventilat ECTION 9: Physical ar ECTION 9: Physical ar ECTION 9: Physical ar ECTION 9: Physical ar SECTION 9: Physical ar ECTION 9: Physical ar SECTION 9: Physical ar SECTION 9: Physical ar Form Colour Odour threshold Remarks PH value Value Temperature Method Melting point Remarks Freezing point Remarks Initial boiling point and b	nd chemi physical an liquid red odou No d WTV not d not d poiling rang	nd chemie rless ata available 8 20 V PH 340 etermined etermined ge	cal pro	- operties			
Exposure controls Provide adequate ventilat ECTION 9: Physical ar ECTION 9: Physical ar ECTION 9: Physical ar ECTION 9: Physical ar Sector 10 ECTION 9: Physical ar Sector 10 ECTION 9: Physical ar Sector 10 ECTION 9: Physical ar Form Colour Odour on basic p Form Colour Odour Odour Odour threshold Remarks Freezing point Remarks Initial boiling point and b Value	nd chemi physical ar liquid red odou No d WTV not d not d	nd chemie rless ata available 8 20 V PH 340 etermined etermined ge 100	e to °C	- operties	°C		
Exposure controls Provide adequate ventilat ECTION 9: Physical ar ECTION 9: Physical ar ECTION 9: Physical ar ECTION 9: Physical ar SECTION 9: Physical ar ECTION 9: Physical ar SECTION 9: Physical ar SECTION 9: Physical ar Form Colour Odour threshold Remarks PH value Value Temperature Method Melting point Remarks Freezing point Remarks Initial boiling point and b	nd chemi physical and liquid red odou No d WTV not d not d poiling rang appr	nd chemie rless ata available 8 20 V PH 340 etermined etermined ge	cal pro	- operties			
Exposure controls Provide adequate ventilat ECTION 9: Physical ar ECTION 9: Physical ar ECTION 9: Physical ar Sector 10 (1997) Form Colour Odour Odour Odour threshold Remarks PH value Value Temperature Method Melting point Remarks Freezing point Remarks Initial boiling point and the Value Pressure Source	nd chemi physical and liquid red odou No d WTV not d not d poiling rang appr	nd chemie rless ata available 8 20 V PH 340 etermined letermined ge 100 1.013	e to °C	- operties			
Exposure controls Provide adequate ventilat ECTION 9: Physical ar ECTION 9: Physical ar ECTION 9: Physical ar Sector of the sector of the	nd chemi physical ar liquic red odou No d WTV not d not d poiling rang appr Litera	nd chemie rless ata available 8 20 V PH 340 etermined letermined ge 100 1.013	e to °C	- operties			
Exposure controls Provide adequate ventilat ECTION 9: Physical ar ECTION 9: Physical ar Form Colour Odour on basic p Form Colour Odour Odour Odour threshold Remarks PH value Value Temperature Method Melting point Remarks Freezing point Remarks Initial boiling point and b Value Pressure Source Flash point	nd chemi physical and liquid red odou No d WTV not d poiling rang appr Litera Not a	nd chemie rless ata available 8 20 V PH 340 determined determined ge 100 1.013 ature value	e to °C	- operties			
Exposure controls Provide adequate ventilat ECTION 9: Physical ar ECTION 9: Physical ar ECTION 9: Physical ar Sector of the sector of the	nd chemi physical ar liquic red odou No d WTV not d poiling rang appr Litera Not a = 1) :	nd chemie rless ata available 8 20 V PH 340 determined determined ge 100 1.013 ature value	e to °C	- operties			

Г

rade name: Marabu	CandleLinerSort1	JX25mi	Version: 9	1			Mar Date revised: 01.10.202
Substance number: 1	805000009881-2	16	Replaces V	•	8 / WOR	LD	Print date: 01.10.20
Not applicable)						
••	ammability or e	•					
Remarks		not de	etermined				
Vapour pressu	re						
Value Temperature		appr.	23 20	°C		hPa	
Method		Value	taken from	•	ature		
Vapour density	/						
Remarks		not de	etermined				
Density							
Value			1	~ ^		g/cm³	
Temperature Method		DIN F	20 N ISO 2811	°C			
Solubility in wa	ater		100 2011				
Remarks		miscib	ble				
Ignition tempe	rature	moone					
Remarks		not de	etermined				
Viscosity							
dynamic							
Value			9000	to	12000	mPa.s	
Temperature		Decel	20	°C			
Method		Brook	field				
9.2. Other informa							
Other informat	ion						
None known							
ECTION 10: St	ability and r	eacti	vity				
10.1. Reactivity None							
10.2. Chemical sta No hazardous	ability reactions known.						
10.3. Possibility o No hazardous	f hazardous reactions known.	eactio	ns				
10.4. Conditions t No hazardous	o avoid reactions known.						
10.5. Incompatible None	e materials						
10.6. Hazardous o No hazardous	lecomposition decomposition pr						
ECTION 11: To	xicological	infor	<u>mation</u>				
11.1. Information							
Acute oral toxi	city						

ade name: Marabu CandleLinerS	ort10x25	ml XMAS 216			
		Version: 9	/		Date revised: 01.10.202
ubstance number: 180500000988	31-216	Replaces Ve	ersion: 8/\	WORLD	Print date: 01.10.2
1,2-Benzisothiazol-3(2h)-on	e				
Species	rat				
LD50		1193		mg/kg	
Acute dermal toxicity					
Remarks	Based	on available da	ta, the class	sification criteria	are not met.
Acute dermal toxicity (Cor	nponen	its)			
1,2-Benzisothiazol-3(2h)-on	е				
Species	rat				
LD50		4115		mg/kg	
Acute inhalational toxicity					
Remarks	Based	on available da	ta, the class	sification criteria	are not met.
Skin corrosion/irritation	_				
Remarks		on available da	ta, the class	sification criteria	are not met.
Serious eye damage/irrita					
Remarks	Based	on available da	ta, the class	sification criteria	are not met.
Sensitization					
Remarks	Based	on available da	ta, the class	sification criteria	are not met.
Mutagenicity					
Remarks	Based	on available da	ta, the class	sification criteria	are not met.
Reproductive toxicity					
Remarks	Based	on available da	ta, the class	sification criteria	are not met.
Carcinogenicity					
Remarks	Based	on available da	ta, the class	sification criteria	are not met.
Specific Target Organ Tox	icity (S	ТОТ)			
Single exposure					
Remarks	Based	on available da	ta, the class	sification criteria	are not met.
Repeated exposure					
Remarks	Based	on available da	ta, the class	sification criteria	are not met.
Aspiration hazard					
Based on available data, th	e classifi	cation criteria a	e not met.		
Experience in practice					
Provided all the recomment risk to health can be expect	•	ctive and safety	precautions	s are taken, exp	erience shows that no
Other information					
There are no data available	on the m	nixture itself.			
The mixture has been asse 1272/2008 and classified fo				of the CLP Reg	ulation (EC) No
ECTION 12: Ecological	inforn	<u>nation</u>			
2.1. Toxicity					
General information					
There are no data available mixture has been assessed	following		n method of		

A mixture of: 5-Chloro-2-methyl-2h-isothiazol-3-one [EC-no. 247-500-7] and 2-Methyl-2H-isothiazol-3-one [EC-no. 220-239-6] (3:1) / C(M)IT/MIT (3:1)

Safety data sheet in ac	cordance with reg	ulation (EC)) No 1907/2	2006	
Trade name: Marabu Ca	andleLinerSort10x2	5ml XMAS 2	16		M
		Version	: 9/		Date revised: 01.10.2021
Substance number: 180	05000009881-216	Replace	es Version:	8 / WORLD	Print date: 01.10.21
Species	rainb	ow trout (On	corhynchus		
LC50 Duration of expo		0,188 96	h	mg/l	
•		90	h		
1,2-Benzisothiaz	. ,	ow trout (On	oorbynabya	my/kico)	
Species LC50	Tainp	ow trout (On 2,18	comynenus	mg/l	
Duration of expo	sure	2,10 96	h	ing/i	
Bronopol (INN)					
Species	rainb	ow trout (On	corhynchus	mykiss)	
LC50		3		mg/l	
Duration of expo	sure	96	h	Ũ	
Method	OEC	D 203			
Bronopol (INN)					
Species	rainb	ow trout (On	corhynchus	mykiss)	
NOEC		2,61		mg/l	
Duration of expo		28	d		
Method	OEC	D 203			
Daphnia toxicity	(Components)				
	niazol-3-one [EC-r Daph			no. 247-500-7] and M)IT/MIT (3:1) mg/l	
1,2-Benzisothiaz					
Species		nia magna			
EC50	Dapi	2,94		mg/l	
Duration of expo	sure	48	h	0	
Bronopol (INN)					
Species	Daph	nia magna			
EC50		1,04		mg/l	
Duration of expo		48	h		
Method	OEC	D 202			
Bronopol (INN)					
Species	Daph	nia magna			
NOEC		0,06		mg/l	
Duration of expo		21	d		
Method		D 211			
Algae toxicity (C	omponents)				
	niazol-3-one [EC-r		6] (3:1) / C(no. 247-500-7] and M)IT/MIT (3:1)	
EC50		0,027		mg/l	
Duration of expo	sure	72	h	-	
1,2-Benzisothiaz	ol-3(2h)-one				
Species		dokirchnerie	lla subcapit	ata	
ErC50		0,11		mg/l	
Duration of expo	osure	72	h		
Bronopol (INN)					
Species	Pseu	dokirchnerie	lla subcapit		
EC50		0,068		mg/l	
Duration of expo		72	h		
Method	OEC	D 201			
Bronopol (INN)		المراجعة والمراجع	lla autori ''		
Species	Pseu	dokirchnerie	na subcapit	ลเส	

Frade name: Marabu CandleLiner Substance number: 1805000009		Version	: 9/	8 / WORLD	Mara Date revised: 01.10.202 Print date: 01.10.2
NOEC		0,0025		mg/l	
Duration of exposure Method	OECD	72	h	iiig/i	
12.2. Persistence and degr	adability	/			
General information There are no data availab	le on the n	nixture itseli	f.		
12.3. Bioaccumulative pote	ential				
General information There are no data availab	le on the n	nixture itself	f.		
12.4. Mobility in soil					
General information There are no data availab	le on the m	nixture itself	f.		
12.5. Results of PBT and v	PvB ass	essment			
General information					
There are no data availab	le on the n	nixture itself	f.		
12.6. Other adverse effects					
General information					
There are no data availab	le on the n	nixture itself	f.		
SECTION 13: Disposal of	onside	erations			
13.1. Waste treatment metl	nods				
Disposal recommendation		-	t		
Do not allow to enter drain Dispose of waste accordin Dispose of as hazardous	ig to applic		ation.		
Disposal recommendation		ackaging			
Packaging that cannot be Completely emptied packa					
SECTION 14: Transport	inform	<u>ation</u>			

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

Land transport ADR/RID

Trade name: Marabu CandleLinerSort10x25ml XMAS 216

Version: 9/

Replaces Version: 8 / WORLD

Marine transport

Substance number: 180500009881-216

		IMDG/GGVSee	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

All components are contained in the ENCS inventory.

All components are contained in the TSCA inventory or exempted.

All components are contained in the IECSC 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.
H310	Fatal in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.

Date revised: 01.10.2021 Print date: 01.10.21

Air transport



ade name: Marabu CandleLir ubstance number: 18050000	Version: 9 / Date revised: 01.10.202
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
CLP categories listed i	n 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
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Skin Corr. 1C	Skin corrosion, Category 1C
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

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.