Trade name: Marabu Textil Gl	litter 582, 50 ml			Marabi
		Version: 7 /		Date revised: 06.05.2020
Substance number: 1713055	82	Replaces Version:	6 / WORLD	Print date: 07.05.20
SECTION 1: Identification Section 1: Identification 1: Identificat		substance/m	ixture and of	the_
1.1. Product identifier Marabu Textil Glitter 5	- 582, 50 ml			
1.2. Relevant identified	uses of the s	ubstance or mix	cture and uses a	idvised against
Use of the substance/pr Paint	reparation			
1.3. Details of the suppl	ier of the saf	ety data sheet		
Address/Manufacture		-	Importer -	
Marabu GmbH & Co. I	KG		S&S Wholesale	e Pty. Limited
Asperger Strasse 4 71732 Tamm			18/10 Pioneer	Avenue,
Germany			Thornleigh NS	
Telephone no. Fax no.	+49-7141/691- +49-7141/691-		Tel: 1300 731 5	29 Fax: 1300 739 715
Information provided	Department pr		Emergency Col	ntact:
by / telephone			S&S Wholesale	
E-mail address of person responsible for this SDS	PRSI@marabu	J.COM	Tel: 1300 731 5	29 Fax: 1300 739 715
1.4. Emergency telepho (+49) (0)621-60-43333				
SECTION 2: Hazards	identificati	on ***		
2.1. Classification of the This product is not cla	e substance o	or mixture	Regulation (EC) No) 1272/2008.
2.2. Label elements				
Labelling according	y to regulatio	n (EC) No 1272/2	2008	
EUH208 Contains		othiazol-3-one [EC-n		C-no. 247-500-7] and / C(M)IT/MIT (3:1), May
Supplemental information	ation			
	oduct: A mixture	of: 5-Chloro-2-meth	yl-2h-isothiazol-3-on	e [EC-no. 247-500-7] and
2-Methyl-2H-isothiazo	I-3-one [EC-no.	220-239-6] (3:1) / C(M)IT/MIT (3:1)	
2.3. Other hazards No special hazards ha	ave to be mention	ned.		
SECTION 3: Composi	ition/inform	nation on ingr	edients ***	
3.2. Mixtures				
Chemical characterization	ation			
Paint based on water				
Hazardous ingredient	(S ***			
2,2'-Oxybisethanol				

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

rade name: Marabu Text					Marab
		on: 7/	- (Date revised: 06.05.2020
Substance number: 1713	05582 Repla	aces Versi	on: 6/W	ORLD	Print date: 07.05.20
CAS No.	111-46-6				
EINECS no.	203-872-2				
Registration no. Concentration	01-2119457857-21		10	%	
Concentration	>= 1	<	10	70	
Classification (Rec	gulation (EC) No. 1272/200 Acute Tox. 4	8) H302			
Bronopol (INN)					
CAS No.	52-51-7				
EINECS no.	200-143-0				
Registration no.	01-2119980938-15				
Concentration	>= 0,01	<	0,1	%	
Classification (Red	gulation (EC) No. 1272/200	8)			
	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			
	•	100 M	= 10 = 1		
Pyrithione zinc CAS No.	12462 41 7				
EINECS no.	13463-41-7 236-671-3				
Registration no.	01-2119511196-46				
Concentration	>= 0,01	<	0,025	%	
Cleasification (De	what is (EC) No. $4272/2000$	0)			
	gulation (EC) No. 1272/200 Acute Tox. 3	o) H301			
	Acute Tox. 3	H331			
	Eye Dam. 1	H318			
	Aquatic Acute 1	H400			
	Aquatic Chronic 1	H410			
Concentration limi	ts (Regulation (EC) No. 127	72/2008)			
			= 100		
			= 10		
	oro-2-methyl-2h-isothiazo azol-3-one [EC-no. 220-23 55965-84-9				d
Concentration	>= 0,001	<	0,0015	%	
Classification (Dec	EC No. $4272/200$	8)			
Classification (Re	gulation (EC) No. 1272/200 Acute Tox. 2	8) H330			
	Aquatic Chronic 1	H410			
	Aquatic Chronic 1 Aquatic Acute 1	H410 H400			
	Skin Sens. 1A	H400 H317			
	Skin Corr. 1C	H314			
	Acute Tox. 2	H310			

Trade name: Marab	u Textil Glitter 582, 50 ml			
		Version: 7	/	Marabu Date revised: 06.05.2020
Substance number:	171305582	Replaces Ve	ersion: 6 / WORLD	Print date: 07.05.20
Concentratio	on limits (Regulation (EC) N Skin Corr. 1C Eye Irrit. 2 Skin Irrit. 2 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic	H314 H319 H315 H317 H410	3) >= 0,6 <= 0,06 < 0,6 <= 0,06 < 0,6 >= 0,0015 M = 100 M = 100	
SECTION 4: Fi	rst aid measures			
	of first aid measures	5		
After skin co				
•	plenty of water and soap. D	o NOT use sc	lvents or thinners.	
After eye cor		ably with we	tor (15 min) In cose o	f irritation concult an aculiat
Separate ey After ingestio	•	uginiy with wat	ter (15 mm.). In case 0	f irritation consult an oculist.
•	h thoroughly with water. If la	arger amounts	s are swallowed or in t	he event of symptoms take
1.2 Most import	tant symptoms and a			
	o symptoms known so far.	ffects, botl	h acute and delay	ed
Until now no 4.3. Indication o	o symptoms known so far. If any immediate med	·	-	
Until now no 4.3. Indication o	o symptoms known so far. If any immediate med physician / treatment	·	-	
Until now no 4.3. Indication o Hints for the Treat sympt	o symptoms known so far. If any immediate med physician / treatment	lical attenti	-	
Until now no 4.3. Indication o Hints for the Treat sympt	o symptoms known so far. of any immediate med physician / treatment comatically refighting measure	lical attenti	-	
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Until now no 4.3. Indication o Hints for the Treat sympt SECTION 5: Fi 5.1. Extinguishin Suitable extin	o symptoms known so far. of any immediate med physician / treatment comatically refighting measur ng media	lical attenti	-	
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Until now no 4.3. Indication o Hints for the Treat sympt SECTION 5: Fi 5.1. Extinguishin Suitable extin Carbon diox 5.2. Special haza In the event	o symptoms known so far. of any immediate med physician / treatment comatically refighting measure ng media nguishing media kide, Foam, Sand, Water ards arising from the of fire the following can be e; Nitrogen oxides (NOx)	lical attenti <u>es</u> substance	on and special tro	eatment needed
Until now no 4.3. Indication o Hints for the Treat sympt SECTION 5: Fi 5.1. Extinguishin Suitable extin Carbon diox 5.2. Special haza In the event black smoke 5.3. Advice for f Other inform	o symptoms known so far. of any immediate med physician / treatment comatically refighting measure ng media nguishing media kide, Foam, Sand, Water ards arising from the of fire the following can be e; Nitrogen oxides (NOx) irefighters ation	lical attenti ES substance released: Ca	on and special tro	eatment needed Carbon dioxide (CO2); dense
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Substance number: 111305582 Replaces Version: 6 / WORLD Print date: 7.1 SECTION 7: Handling and storage 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 storage, including any incompatibilities Requirements for storage rooms and vessels Store in frostfree conditions. 7.3 Specific end use(s) Paint Sector N 3: Exposure controls/personal protection *** A control parameters Derived No/Minimal Effect Levels (DNEL/DMEL) *** Broopol (INN) Type of value Derived No Effect Level (DNEL) Reference group Worker Duration of exposure Long term Route of exposure Systemic effects Concentration 4.1 mg/m³ Type of value Derived No Effect Level (DNEL) Reference group Worker Duration of exposure Long term Route of exposure Long term	Safety data sheet ir	accordance with	regulation (EC) No 1907/2006	
Substance number: 111305582 Replaces Version: 6 / WORLD Print date: 07.0 Substance number: 111305582 Replaces Version: 6 / WORLD Print date: 07.0 SECTION 7: Handling and storage Advice on safe handling Advice on safe 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 frostfree conditions. 7.3 Specific end use(s) Paint Sectron 8: Exposure controls/personal protection *** Borived No/Minimal Effect Levels (DNEL/DMEL) *** Brooppol (INN) Type of value Derived No Effect Level (DNEL) Route of exposure Duration of exposure Dur	Trade name: Marab	u Textil Glitter 582,	50 ml	Marabu
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Duration of exposure Route of exposure Mode of action ConcentrationShort term inhalative Systemic effects 12,3mg/m3Type of value Reference group Duration of exposure Route of exposure ConcentrationDerived No Effect Level (DNEL) Worker Long term Local effects Concentrationmg/m3Type of value Route of exposure Route of exposure ConcentrationDerived No Effect Level (DNEL) Mode of action 4,2mg/m3Type of value Reference group Duration of exposure ConcentrationDerived No Effect Level (DNEL) Reference group Workermg/m3Type of value Route of exposure Duration of exposure Route of exposure ConcentrationDerived No Effect Level (DNEL) Mode of action Local effects Concentrationmg/m3Type of value Route of exposure Route of exposure ConcentrationDerived No Effect Level (DNEL) Mode of action Local effects Local effects Concentrationmg/m3Type of value Reference groupDerived No Effect Level (DNEL) Workermg/m3				
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Mode of action ConcentrationSystemic effects 12,3mg/m³Type of value Reference groupDerived No Effect Level (DNEL) Worker Duration of exposure Route of exposureLong term inhalative Local effects ConcentrationMode of action 4,2Type of value Reference group Mode of action Duration of exposureDerived No Effect Level (DNEL) Reference group Workermg/m³Type of value Reference group Duration of exposure ConcentrationDerived No Effect Level (DNEL) Neffect Level (DNEL) Reference group Mode of action Local effects Concentrationmg/m³Type of value Route of exposure Mode of action ConcentrationDerived No Effect Level (DNEL) Action action A,2mg/m³Type of value Route of exposure Mode of action ConcentrationDerived No Effect Level (DNEL) Mode of action A,2mg/m³Type of value Reference groupDerived No Effect Level (DNEL) Workermg/m³				
Concentration12,3mg/m³Type of value Reference group Duration of exposure Route of exposure ConcentrationDerived No Effect Level (DNEL) Vorker Long term Inhalative Local effects Concentrationmg/m³Type of value Reference group Duration of exposure Mode of action DurationDerived No Effect Level (DNEL) Vorkermg/m³Type of value Reference group Duration of exposure Note of exposure ConcentrationDerived No Effect Level (DNEL) Vorkermg/m³Type of value Route of exposure ConcentrationDerived No Effect Level (DNEL) Vorkermg/m³Type of value Route of exposure ConcentrationDerived No Effect Level (DNEL) Vorkermg/m³Type of value Route of exposure Route of exposure Route of exposure ConcentrationDerived No Effect Level (DNEL) Workermg/m³Type of value Reference groupDerived No Effect Level (DNEL) Workermg/m³				
Type of valueDerived No Effect Level (DNEL)Reference groupWorkerDuration of exposureLong termRoute of exposureinhalativeMode of actionLocal effectsConcentration4,2Type of valueDerived No Effect Level (DNEL)Reference groupWorkerDuration of exposureShort termRoute of exposureShort termMode of actionLocal effectsConcentration4,2mg/m³Type of valueDerived No Effect Level (DNEL)Reference groupWorkerDuration of exposureShort termRoute of exposureinhalativeMode of actionLocal effectsConcentration4,2mg/m³Type of valueDerived No Effect Level (DNEL)Reference groupWorker		-		ma/m ³
Reference group Worker Duration of exposure Long term Route of exposure inhalative Mode of action Local effects Concentration 4,2 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 Type of value 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	Concentration	//	12,0	
Duration of exposure Route of exposure Mode of actionLong term inhalative Local effects 4,2mg/m3Type of value Reference group Duration of exposure Route of exposure Mode of action Duration of exposure Route of ex			· · · · · · · · · · · · · · · · · · ·	
Route of exposure Mode of action Concentrationinhalative Local effects Coal effectsType of value Reference groupDerived No Effect Level (DNEL) WorkerDuration of exposure Route of exposure Mode of action ConcentrationShort term Local effects Local effects Local effects Mode of action 4,2Type of value Reference groupDerived No Effect Level (DNEL) WorkerType of value Reference groupDerived No Effect Level (DNEL) WorkerType of value Reference groupDerived No Effect Level (DNEL) Worker				
Mode of action ConcentrationLocal effects 4,2mg/m³Type of value Reference groupDerived No Effect Level (DNEL) Worker Duration of exposure Route of exposure Mode of action ConcentrationMode of action 4,2mg/m³Type of value Reference groupDerived No Effect Level (DNEL) mg/m³mg/m³Type of value Reference groupDerived No Effect Level (DNEL) Workermg/m³				
Concentration4,2mg/m³Type of value Reference groupDerived No Effect Level (DNEL) WorkerDuration of exposure Route of exposure Mode of action ConcentrationShort term Local effects 4,2Type of value Reference groupDerived No Effect Level (DNEL) mg/m³Type of value Reference groupDerived No Effect Level (DNEL) Worker				
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				mg/m³
Duration of exposure Route of exposure Mode of action ConcentrationShort term inhalative Local effects 4,2mg/m3Type of value Reference groupDerived No Effect Level (DNEL) WorkerMode of action Mode of action 			Derived No Effect Level (DNEL)	
Route of exposure Mode of action Concentrationinhalative Local effects 4,2mg/m³Type of value Reference groupDerived No Effect Level (DNEL) Worker				
Mode of actionLocal effectsConcentration4,2mg/m³Type of valueDerived No Effect Level (DNEL)Reference groupWorker				
Concentration4,2mg/m³Type of valueDerived No Effect Level (DNEL)Reference groupWorker	•			
Reference group Worker				mg/m³
Reference group Worker	Type of valu	e	Derived No Effect Level (DNEL)	
			Long term	
Route of exposure dermal	Route of exp	posure	dermal	
Mode of action Systemic effects				
Concentration 2,3 mg/kg/d	Concentratio	n	2,3	mg/kg/d

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

Trade name: Marabu Textil Glitter 582, 50 ml

Substance number: 171305582	, 50 mi Version: 7 / Replaces Version: 6 / WORLD	Date revised: 06.05.2020 Print date: 07.05.20
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	malkald
Concentration	7	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure Mode of action	dermal Local effects	
Concentration	13	µg/cm²
Concentration	13	µy/un-
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker Short torm	
Duration of exposure	Short term dermal	
Route of exposure Mode of action	Local effects	
Concentration	13	µg/cm²
		μ9/011
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	4.2
Concentration	1,2	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Short term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	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	m a /m 3
Concentration	1,3	mg/m³
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
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	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	

rade name: Marabu Textil Glitter 58	32, 50 ml	<u>AV</u>
	Version: 7 /	Date revised: 06.05.2020
Substance number: 171305582	Replaces Version: 6 / WORLD	Print date: 07.05.20
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
2,2'-Oxybisethanol		
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	60	mg/m³
T f		-
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	43	mg/kg/d
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	12	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	

Trade name: Marabu Textil Glitter 58		Marabu		
	Version: 7 /	Date revised: 06.05.2020		
Substance number: 171305582	Replaces Version: 6 / WORLD	Print date: 07.05.20		
Duration of exposure	Long term			
Route of exposure	dermal			
Mode of action	Systemic effects			
Concentration	21	mg/kg/d		
Type of value	Derived No Effect Level (DNEL)			
Reference group	Worker			
Duration of exposure	Long term			
Route of exposure Mode of action	inhalative Systemia offecto			
	Systemic effects	m a /m 3		
Concentration	44	mg/m³		
Type of value	Derived No Effect Level (DNEL)			
Reference group	Consumer			
Duration of exposure Route of exposure	Long term inhalative			
Mode of action				
Concentration	Local effects 12	mg/m³		
Predicted No Effect Conce	ntration (PNEC) ***			
Bronopol (INN)	PNEC			
Type of value Type	Freshwater			
Concentration	0,01	mg/l		
Concentration		iiig/i		
Type of value	PNEC			
Туре	Saltwater			
Concentration	0,001	mg/l		
Type of value	PNEC			
Туре	Water (intermittent release)			
Concentration	0,003	mg/l		
Type of value	PNEC			
Туре	Sewage treatment plant (STP)			
Concentration	0,43	mg/l		
Type of value	PNEC			
Туре	Freshwater sediment			
Concentration	0,041	mg/kg		
Type of value	PNEC			
Туре	Marine sediment			
Concentration	0,003	mg/kg		
Type of value	PNEC			
Туре	Soil			
Concentration	0,5	mg/kg		
2,2'-Oxybisethanol				
Type of value	PNEC			
Туре	Freshwater			
Concentration	10	mg/l		
Type of value	PNEC			
Туре	Saltwater			
Concentration	1	mg/l		

	with regulation (EC) No 1907/2006	
Trade name: Marabu Textil Glitter s	582, 50 ml	Marahu
	Version: 7 /	Date revised: 06.05.2020
Substance number: 171305582	Replaces Version: 6 / WC	DRLD Print date: 07.05.20
Type of value	PNEC	
Туре	Water (intermittent release)	
Concentration	10	mg/l
Type of value	PNEC	
Туре	Sewage treatment plant (STP)	
Concentration	199,5	mg/l
Type of value	PNEC	
Туре	Freshwater sediment	
Concentration	20,9	mg/kg
Type of value	PNEC	
Туре	Marine sediment	
Concentration	2,09	mg/kg
Type of value	PNEC	
Туре	Soil	
Concentration	1,53	mg/kg
ECTION 9: Physical and 9.1. Information on basic ph Form	nysical and chemical properties	5
	liquid	-
Colour	coloured	-
Colour Odour	•	-
Colour Odour Odour threshold	coloured odourless	-
Colour Odour Odour threshold Remarks	coloured	-
Colour Odour Odour threshold Remarks Melting point	coloured odourless No data available	
Colour Odour Odour threshold Remarks Melting point Remarks	coloured odourless	
Colour Odour Odour threshold Remarks Melting point Remarks Freezing point	coloured odourless No data available not determined	
Colour Odour Odour threshold Remarks Melting point Remarks Freezing point Remarks	coloured odourless No data available not determined not determined	
Colour Odour Odour threshold Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo	coloured odourless No data available not determined not determined oiling range	
Colour Odour Odour threshold Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo Value	coloured odourless No data available not determined not determined oiling range appr. 100	°C
Colour Odour Odour threshold Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo	coloured odourless No data available not determined not determined oiling range	
Colour Odour Odour threshold Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo Value Pressure Source	coloured odourless No data available not determined not determined oiling range appr. 100 1.013 hPa	
Colour Odour Odour threshold Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo Value Pressure Source Flash point	coloured odourless No data available not determined not determined oiling range appr. 100 1.013 hPa Literature value	
Colour Odour Odour threshold Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo Value Pressure Source Flash point Remarks	coloured odourless No data available not determined not determined oiling range appr. 100 1.013 hPa Literature value Not applicable	
Colour Odour Odour threshold Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo Value Pressure Source Flash point	coloured odourless No data available not determined not determined oiling range appr. 100 1.013 hPa Literature value Not applicable	
Colour Odour Odour threshold Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo Value Pressure Source Flash point Remarks Evaporation rate (ether =	coloured odourless No data available not determined not determined oiling range appr. 100 1.013 hPa Literature value Not applicable 1) :	
Colour Odour Odour threshold Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo Value Pressure Source Flash point Remarks Evaporation rate (ether = Remarks Flammability (solid, gas)	coloured odourless No data available not determined not determined oiling range appr. 100 1.013 hPa Literature value Not applicable 1) : not determined	
Colour Odour Odour threshold Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo Value Pressure Source Flash point Remarks Evaporation rate (ether = Remarks Flammability (solid, gas) Not applicable	coloured odourless No data available not determined not determined oiling range appr. 100 1.013 hPa Literature value Not applicable 1) : not determined	
Colour Odour Odour threshold Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo Value Pressure Source Flash point Remarks Evaporation rate (ether = Remarks Flammability (solid, gas) Not applicable Upper/lower flammability	coloured odourless No data available not determined not determined oiling range appr. 100 1.013 hPa Literature value Not applicable 1) : not determined	

	582, 50 ml	Marabu
	Version: 7 /	Date revised: 06.05.2020
Substance number: 171305582	Replaces Version: 6 / WORLD	Print date: 07.05.20
Temperature	20 °C	
Method	Value taken from the literature	
Vapour density		
Remarks	not determined	
Density Value	1,031 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	
ECTION 10: Stability an	nd reactivity	
10.1. Reactivity None		
10.2 Chomical stability		
10.2. Chemical stability No hazardous reactions kno		
10.3. Possibility of hazardou No hazardous reactions kno		
10.4. Conditions to avoid No hazardous reactions kno	own.	
10.5. Incompatible materials None	5	
10.6. Hazardous decomposi No hazardous decompositio		
	cal information	
ECTION 11: Toxicologi		
11.1. Information on toxicol		
11.1. Information on toxicol Acute oral toxicity	ogical effects	
11.1. Information on toxicol		008)
11.1. Information on toxicol Acute oral toxicity ATE	ogical effects > 2.000 mg/kg calculated value (Regulation (EC) No. 1272/20 	008)
11.1. Information on toxicol Acute oral toxicity ATE Method Acute oral toxicity (Comp	ogical effects > 2.000 mg/kg calculated value (Regulation (EC) No. 1272/20 	008)
11.1. Information on toxicol Acute oral toxicity ATE Method Acute oral toxicity (Comp Pyrithione zinc Species	ogical effects > 2.000 mg/kg calculated value (Regulation (EC) No. 1272/20 	008)
11.1. Information on toxicol Acute oral toxicity ATE Method Acute oral toxicity (Comp Pyrithione zinc Species LD50	ogical effects 2.000 mg/kg calculated value (Regulation (EC) No. 1272/20 onents) Rats (male/female) 269 mg/kg 	008)
11.1. Information on toxicol Acute oral toxicity ATE Method Acute oral toxicity (Comp Pyrithione zinc Species LD50 Method	ogical effects 2.000 mg/kg calculated value (Regulation (EC) No. 1272/20 onents) Rats (male/female)	008)
11.1. Information on toxicol Acute oral toxicity ATE Method Acute oral toxicity (Comp Pyrithione zinc Species LD50 Method 2,2'-Oxybisethanol	ogical effects > 2.000 mg/kg calculated value (Regulation (EC) No. 1272/20 onents) Rats (male/female) 269 mg/kg OECD 401	008)
11.1. Information on toxicol Acute oral toxicity ATE Method Acute oral toxicity (Comp Pyrithione zinc Species LD50 Method 2,2'-Oxybisethanol Species	ogical effects > 2.000 mg/kg calculated value (Regulation (EC) No. 1272/20 onents) Rats (male/female) 269 mg/kg OECD 401 Rats (male/female)	008)
11.1. Information on toxicol Acute oral toxicity ATE Method Acute oral toxicity (Comp Pyrithione zinc Species LD50 Method 2,2'-Oxybisethanol Species LD50	ogical effects > 2.000 mg/kg calculated value (Regulation (EC) No. 1272/20 onents) Rats (male/female) 269 mg/kg OECD 401 Rats (male/female)	008)
11.1. Information on toxicol Acute oral toxicity ATE Method Acute oral toxicity (Comp Pyrithione zinc Species LD50 Method 2,2'-Oxybisethanol Species	ogical effects > 2.000 mg/kg calculated value (Regulation (EC) No. 1272/20 onents) Rats (male/female) 269 mg/kg OECD 401 Rats (male/female)	

ade name: Marabu Textil Glitter	582, 50 ml			
		/ersion: 7 /		Mara Date revised: 06.05.202
ubstance number: 171305582	F	Replaces Version:	6 / WORLD	Print date: 07.05.2
Remarks	Based on a	available data, the	e classification crite	eria are not met.
Acute inhalative toxicity	(Component	s)		
Pyrithione zinc				
Species	rat		//	
LC50 Administration/Form	0,8 Dust/Mist	54	mg/l	
Method	OECD 403			
Skin corrosion/irritation				
Remarks	Based on a	available data, the	e classification crite	eria are not met.
Serious eye damage/irrit	ation			
Remarks		available data, the	e classification crite	eria are not met.
Sensitization				
Remarks	Based on a	available data, the	e classification crite	eria are not met.
Mutagenicity				
Remarks	Based on a	available data, the	e classification crite	eria are not met.
Reproductive toxicity		-		
Remarks	Based on a	available data, the	e classification crite	eria are not met.
Carcinogenicity				
Remarks	Based on a	available data, the	e classification crite	eria are not met.
Specific Target Organ To				
		,		
Single exposure Remarks	Based on a	available data the	e classification crite	eria are not met
Repeated exposure	Daood on a			
Remarks	Based on a	available data, the	e classification crite	eria are not met.
Aspiration hazard				
Based on available data,	he classificatio	n criteria are not	met.	
Experience in practice				
Provided all the recomme risk to health can be expe		and safety preca	autions are taken,	experience shows that no
Other information				
There are no data availab				
The mixture has been ass				egulation (EC) No
1272/2008 and classified	ior toxicologica	i nazaros accordi	ngiy.	
ECTION 12: Ecologica	l informati	on		
2.1. Toxicity				
General information				
There are no data availab mixture has been assesse and is not classified as da	ed following the	summation meth		or water courses.The gulation (EC) No 1272/2008
Fish toxicity (Componen	•			
Pyrithione zinc Species	rainhow tro	out (Oncorhynchu	s mykies)	
LC50	0,1		mg/l	
Duration of exposure	96			
Bronopol (INN)				
Species	_	out (Oncorhynchu		
LC50	3		mg/l	

ade name: Marabu Textil Glitter	582, 50 ml			Mar
	Ve	ersion: 7 /		Date revised: 06.05.202
ubstance number: 171305582	R	eplaces Version	: 6/WORLD	Print date: 07.05.2
Duration of exposure Method	96 OECD 203	h		
Bronopol (INN)	and in the second second		· · · · · · · · · · · · · · · · · · ·	
Species NOEC	rainbow trou 2,6	ut (Oncorhynchu 1	is mykiss) mg/l	
Duration of exposure Method	28 OECD 203	d	mg/1	
A mixture of: 5-Chloro-2-m 2-Methyl-2H-isothiazol-3-or	ethyl-2h-isoth			I
Species		ut (Oncorhynchu		
LC50	0,18	•	mg/l	
Duration of exposure	96	h	C C	
Daphnia toxicity (Compor	nents)			
Pyrithione zinc	-			
Species	Daphnia ma	agna		
EC50	0,05		mg/l	
Duration of exposure	48	h		
Bronopol (INN)	.			
Species EC50	Daphnia ma		ma/l	
Duration of exposure	1,04 48	+ h	mg/l	
Method	OECD 202			
Bronopol (INN)				
Species	Daphnia ma	agna		
NOEC	0,06		mg/l	
Duration of exposure	21 OECD 211	d		
Method			no. 047 500 71 and	
A mixture of: 5-Chloro-2-m 2-Methyl-2H-isothiazol-3-or				
Species	Daphnia ma		(((()))))))))))))))))))))))))))))))))))	
EC50	0,12		mg/l	
Duration of exposure	48	h	-	
Algae toxicity (Componer	nts)			
Pyrithione zinc				
Species	Selenastrun	n capricornutum		
IC50	0,06		mg/l	
Duration of exposure	72	h		
Bronopol (INN)	<u> </u>			
Species		nneriella subcap		
EC50 Duration of exposure	0,06 72	bo h	mg/l	
Method	OECD 201			
Bronopol (INN)				
Species	Pseudokirch	nneriella subcap	itata	
NOEC	0,00	025	mg/l	
Duration of exposure Method	72 OECD 201	h		
A mixture of: 5-Chloro-2-m				l
2-Methyl-2H-isothiazol-3-or				
Species		n capricornutum		
EC50 Duration of exposure	0,02 72	27 h	mg/l	

Frade name: Marabu Textil Glitter 582, 50 ml				
	Version: 7 /	Date revised: 06.05.2020		
Substance number: 171305582	Replaces Version: 6 / WORLD	Print date: 07.05.20		
General information There are no data available on t	he mixture itself.			
12.3. Bioaccumulative potential				
General information				
There are no data available on t	he mixture itself.			
12.4. Mobility in soil				
General information				
There are no data available on t	he mixture itself.			
12.5. Results of PBT and vPvB	assessment			
General information				
There are no data available on t	he mixture itself.			
12.6. Other adverse effects				
General information There are no data available on t	he mixture iteelf			
There are no data available on t	ne mixture itsen.			
SECTION 13: Disposal cons	<u>iderations</u>			
13.1. Waste treatment methods				
Disposal recommendations for	or the product			
Do not allow to enter drains or w				
Dispose of waste according to a Dispose of as hazardous waste.				
Disposal recommendations for				
-	ed should be disposed off as product waste.			

Safety data	sheet in	accordance	with requ	lation (E	C) No	1907/2006
	•••					

Trade name: Marabu Textil Glitter 582, 50 ml



Substance number: 171305582

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	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 DSL or NDSL inventory. All components are contained in the TSCA inventory or exempted.

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.

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

Trade name: Marabu Textil Glitter 582, 50 ml

Substance number: 171305582

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Date revised: 06.05.2020

Version: 7 /

Print date: 07.05.20 H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eve damage. H330 Fatal if inhaled. Toxic if inhaled. H331 May cause respiratory irritation. H335 Very toxic to aquatic life. H400 Very toxic to aquatic life with long lasting effects. H410 **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 Hazardous to the aquatic environment, acute, Category 1 Aquatic Acute 1 Hazardous to the aquatic environment, chronic, Category 1 Aquatic Chronic 1 Eve Dam. 1 Serious eye damage, Category 1 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

Supplemental information

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.