	fety Data She		07/2006 (REACH)	( EN / D		
Revis	ade name : sion date : date :	04.03.2021 13.04.2021	<b>IULTISEAL</b> Version (Revision) :	6.1.1 (6.1.0)		
SEC	TION 1: Identific	ation of the sub	ostance/mixture and of the company/ ı	undertaking		
.1	Product identifie	r				
2			substance or mixture and uses advised	against		
	Relevant identi		aradusta			
3	~ "	;, Emulsions/Coating p	oroducts			
	Distributor :		Casdron Enterprises Ltd.			
	Street :		Wood End, Prospect Road			
	Postal code/city :		GB- New Alresford, Hants SO 24 9QF			
	Telephone :		+44 1962 732126			
	Telefax :		+44 1962 735373			
	Contact :		Technical Department E-mail: sales@lithofin.co.uk			
			Emergency telephone number: 0196 2732126 (Only available during office hours)			
	Supplier :		Lithofin AG			
	Street :		Heinrich-Otto-Str. 36			
	Postal code/city :		73240 Wendlingen			
	Telephone :		+49 (0)7024 9403-0			
	Telefax :		+49 (0)7024 9403-40			
	Contact :		Technical Department E-mail: info@lithofin.de			
			Emergency telephone number: +49 (0)7024 9403-0 (Only available during office hours)			
4	Emergency telep	hone number				
	see section 1.3					
<b>BEC</b>	TION 2: Hazards	identification				
.1	<b>Classification of</b>					
	Classification according to Regulation (EC) No 1272/2008 [CLP] None					
	Additional infor	mation				
		ied as not hazardous	according to regulation (EC) No 1272/2008 [CLP].			
	Remark					
.2		JH-statements: see se	ection 16.			
	Label elements	ding to Deculat	ion (EC) No. 1272/2008 [CI B]			
	-		ion (EC) No. 1272/2008 [CLP] elements for certain mixtures			
	EUH208	••	ZISOTHIAZOL-3(2H)-ONE ; 2-METHYLISOTHIAZOL-3(2	H)-ONE.May produc		
		an allergic reactio	n.			
_	EUH210	Safety data sheet	available on request.			
.3	Other hazards None					
			Deve 1 / 11			
			Page : 1 / 11	( EN / [		

(EN/D)

Safety Data Sheet (EN/D) according to Regulation (EC) No. 1907/2006 (REACH)						
sion date :	Lithof 04.03.2021 13.04.2021	in MULTISEAL	Version (Revision) :	6.1.1 (6.1.0)		
Additional information see section 12.5	mation					
CTION 3: Composi	ition/infor	mation on ingredient	ts			
1,2-BENZISOTHIAZO Weight fraction : Classification 1272/	L-3(2H)-ONE ;   2008 [CLP] :	≥ 0,005 - < 0,05 % Acute Tox. 2 ; H330 Eye Da Skin Sens. 1 ; H317 Aquati	am. 1 ; H318 Acute Tox. 4 ; H302 Ski ic Acute 1 ; H400 Aquatic Chronic 2 ;	,		
Weight fraction : Classification 1272/.	2008 [CLP] :	≥ 0,00015 - < 0,0015 % Acute Tox. 2 ; H330 Acute Eye Dam. 1 ; H318 Skin Se ; H410 EUH071	Tox. 3 ; H301 Acute Tox. 3 ; H311 Sł ens. 1A ; H317 Aquatic Acute 1 ; H400	kin Corr. 1B ; H314 ) Aquatic Chronic 1		
This mixture conta Candidate List accor None (below the conta This mixture conta authorisation accor None (below the conta	ins the follow ording to Arti centration limit) ins the follow rding to Anne centration limit)	ving substances of very hi cle 59 of REACH ving substances of very hi ex XIV of REACH	gh concern (SVHC) which are in	cluded in the		
i	Additional information according to Regulation at a second at a se	Additional information         see section 12.5         CTION 3: Composition/infor         Mixtures         Hazardous ingredients         1,2-BENZISOTHIAZOL-3(2H)-ONE ; I         Weight fraction :         Classification 1272/2008 [CLP] :         Specific Conc. Limits :         2-METHYLISOTHIAZOL-3(2H)-ONE ; I         Weight fraction :         Classification 1272/2008 [CLP] :         Specific Conc. Limits :         Specific Conc. Limits :         Check List according to Arting the follow of the concentration limit)         This mixture contains the follow authorisation according to Antone	Cording to Regulation (EC) No. 1907/2006 (REACade name :Lithofin MULTISEALision date : $04.03.2021$ t date : $13.04.2021$ Additional informationsee section 12.5CTION 3: Composition/information on ingredientMixturesHazardous ingredients1,2-BENZISOTHIAZOL-3(2H)-ONE ; EC No. : 220-120-9; CAS No. : :Weight fraction : $\geq 0,005 - < 0,05 %$ Classification 1272/2008 [CLP] :Acute Tox. 2 ; H330 Eye DaSpecific Conc. Limits :Skin Sens. 1 ; H317: C $\geq 0$ ,2-METHYLISOTHIAZOL-3(2H)-ONE ; REACH No. : 01-2120764690-5Weight fraction : $\geq 0,00015 - < 0,0015 %$ Classification 1272/2008 [CLP] :Acute Tox. 2 ; H330 AcuteEye Dam. 1 ; H318 Skin Se; H410 EUH071Specific Conc. Limits :Skin Sens. 1 ; H317: C $\geq 0$ This mixture contains the following substances of very hiCandidate List according to Article 59 of REACHNone (below the concentration limit)This mixture contains the following substances of very hiauthorisation according to Annex XIV of REACHNone (below the concentration limit)	Sording to Regulation (EC) No. 1907/2006 (REACH)         ade name :       Lithofin MULTISEAL         sion date :       04.03.2021       Version (Revision) :         t date :       13.04.2021         Additional information       see section 12.5         CTION 3: Composition/information on ingredients         12.5       12.5         Mixtures         Hazardous ingredients         1.2-BENZISOTHIAZOL-3(2H)-ONE ; EC No. : 220-120-9; CAS No. : 2634-33-5         Weight fraction :       ≥ 0,005 - < 0,05 %		

#### Additional information

All ingredients of this mixture are (pre)registered according to REACH regulation. Full text of H- and EUH-statements: see section 16.

#### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

#### **General information**

When in doubt or if symptoms are observed, get medical advice. Never give anything by mouth to an unconscious person or a person with cramps. If unconscious place in recovery position and seek medical advice.

## **Following inhalation**

Remove casualty to fresh air and keep warm and at rest. In case of respiratory tract irritation, consult a physician.

#### In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. Immediately remove any contaminated clothing, shoes or stockings. Do not wash with: Cleaning agent, acidic Cleaning agent, alkaline Solvents/Thinner

#### After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. Protect uninjured eye. In case of eye irritation consult an ophthalmologist.

#### After ingestion

When in doubt or if symptoms are observed, get medical advice. Rinse mouth thoroughly with water. Do NOT induce vomiting

## Self-protection of the first aider

First aider: Pay attention to self-protection!

## 4.2 Most important symptoms and effects, both acute and delayed

- No information available.
- 4.3 Indication of any immediate medical attention and special treatment needed None

# **SECTION 5: Firefighting measures**

Trade Revision dai Print date : 5.1 Exti Sui Wa 5.2 Spe Ha: Ca 5.3 Adv Use SPO We 5.4 Add Use ente ordii SECTION 6.1 Pers 6.2 Envi Dor 6.3 Met Ca 5.3 Ca Ca Sui Sui Ca Sui Sui Ca Sui Sui Ca Sui Sui Ca Sui Sui Ca Sui Sui Ca Sui Sui Ca Sui Sui Ca Sui Sui Sui Ca Sui Sui Sui Ca Sui Sui Sui Ca Sui Sui Sui Sui Sui Sui Ca Sui Sui Sui Sui Sui Sui Sui Sui	nguishing ma itable extingu ater spray jet ABC- suitable extinue il water jet Strong cial hazards a zardous com rbon monoxide Ca ice for firefig suitable breathing ecial protecti ear a self-containe itional inform water spray jet to er drains or water on nate fire-fighting r N 6: Accident	Litho 04.03.2021 13.04.2021 edia uishing m powder Foar powder Foar powder jet arising fr bustion p rbon dioxide hters apparatus. ve equipt d breathing a protect pers courses. Do n heasures to the al release	fin MU	LTISE/ Ubstance	or mixers rotective ered cor	Version (Revision	un-off from fi	0 0
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5.1 Exti Sui Wa Ful 5.2 Spe Ha: Ca 5.3 Adv Use 5.3 Adv Use SPO We 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.3 Met 6.1 Pers Wea 6.2 Envi Cla 6.3 Met Cla 6.4 Refe	itable extinge ater spray jet ABC- suitable extin Il water jet Strong cial hazards a zardous com rbon monoxide Ca ice for firefig suitable breathing ecial protecti ear a self-containe itional inform water spray jet to r drains or water of nate fire-fighting r 6: Accident sonal precaut	edia Jishing m powder Foar nguishing water jet arising fr bustion p rbon dioxide hters apparatus. ve equip d breathing a nation protect pers courses. Do n heasures to f al release	nedia m g media om the su products (CO2) ment for f apparatus and sonnel and to not inhale exp the fire surrou	<b>firefighte</b> d chemical pr cool endang plosion and c undings.	e <b>rs</b> rotective ered cor	e clothing. ntainers. Do not allow ru		0 0
Sui Wa Ful 5.2 Spe Ha: Ca 5.3 Adv Use 5.3 Adv Use 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.3 Adv Use ente ordin 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.3 Adv Use ente ordin 5.4 Add Use ente ordin 5.4 Add Ca 6.2 Envi 0 or 6.3 Met	itable extinge ater spray jet ABC- suitable extin Il water jet Strong cial hazards a zardous com rbon monoxide Ca ice for firefig suitable breathing ecial protecti ear a self-containe itional inform water spray jet to r drains or water of nate fire-fighting r 6: Accident sonal precaut	uishing m powder Foar nguishing water jet arising fr bustion p rbon dioxide hters apparatus. ve equipu d breathing a nation protect pers courses. Do n heasures to the al release	m g media om the su products (CO2) ment for f apparatus and sonnel and to not inhale exp the fire surrou	<b>firefighte</b> d chemical pr cool endang plosion and c undings.	e <b>rs</b> rotective ered cor	e clothing. ntainers. Do not allow ru		0 0
Sui Wa Ful 5.2 Spe Ha: Ca 5.3 Adv Use 5.3 Adv Use 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.3 Adv Use ente ordin 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.3 Adv Use ente ordin 5.4 Add Use ente ordin 5.4 Add Ca 6.2 Envi 0.5 A Ev Ev Ev Ev Ev Ev Ev Ev Ev Ev Ev Ev Ev	itable extinge ater spray jet ABC- suitable extin Il water jet Strong cial hazards a zardous com rbon monoxide Ca ice for firefig suitable breathing ecial protecti ear a self-containe itional inform water spray jet to r drains or water of nate fire-fighting r 6: Accident sonal precaut	uishing m powder Foar nguishing water jet arising fr bustion p rbon dioxide hters apparatus. ve equipu d breathing a nation protect pers courses. Do n heasures to the al release	m g media om the su products (CO2) ment for f apparatus and sonnel and to not inhale exp the fire surrou	<b>firefighte</b> d chemical pr cool endang plosion and c undings.	e <b>rs</b> rotective ered cor	e clothing. ntainers. Do not allow ru		0 0
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Ha: Ca Ca 5.3 Adv Use Spo We 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.3 Net 5.3 Net 5.3 Adv Use ente ordin 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.1 Pers Wea 5.2 Envi Do r 5.3 Met	zardous com rbon monoxide Ca ice for firefig suitable breathing ecial protecti ear a self-containe itional inform water spray jet to rate fire-fighting r N 6: Accident sonal precaut	bustion problem dioxide hters apparatus. ve equips d breathing a nation protect pers courses. Do n heasures to the al release	c(CO2) ment for f apparatus and sonnel and to not inhale exp the fire surrou	<b>firefighte</b> d chemical pr cool endang plosion and c undings.	e <b>rs</b> rotective ered cor	e clothing. ntainers. Do not allow ru		0 0
Ca 5.3 Adv Use Spo We 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.3 Adv Use ente ordin 5.4 Add Use ente ordin 5.4 Add Use ente ordin 5.3 Adv Use ente ordin 5.3 Adv Section 6.1 Pers Wea 5.3 Met 5.4 Add Cle 6.4 Refe Safe	rbon monoxide Ca ice for firefig suitable breathing ecial protecti ear a self-containe itional inform water spray jet to er drains or water nate fire-fighting r N 6: Accident sonal precaut	rbon dioxide hters apparatus. ve equip d breathing a nation protect pers courses. Do n heasures to the al release	(CO2) ment for f apparatus and sonnel and to not inhale exp the fire surrou	d chemical pr cool endang plosion and c undings.	rotective ered cor	ntainers. Do not allow ru		0 0
Use Spo We 5.4 Add Use ente ordii SECTION 6.1 Pers Wea 6.2 Envi Do r 6.3 Met Sui Cle 6.4 Refe Safe	suitable breathing ecial protecti ear a self-containe itional inform water spray jet to r drains or water nate fire-fighting r 6: Accident sonal precaut	apparatus. ve equips d breathing a nation protect pers courses. Do n heasures to b al release	apparatus and sonnel and to not inhale exp the fire surrou	d chemical pr cool endang plosion and c undings.	rotective ered cor	ntainers. Do not allow ru		0 0
5.4 Add Use ente ordii 5.1 Pers Wea 5.2 Envi Do r 5.3 Met 5.3 Met Cle 5.4 Refe Safe	ecial protecti ear a self-containe itional inform water spray jet to er drains or water nate fire-fighting r N 6: Accident sonal precaut	ve equip d breathing a nation protect pers courses. Do n heasures to the al release	apparatus and sonnel and to not inhale exp the fire surrou	d chemical pr cool endang plosion and c undings.	rotective ered cor	ntainers. Do not allow ru		0 0
5.4 Add Use ente ordin 5.1 Pers Wea 5.2 Envi Do r 5.3 Met 5.3 Met Cle 0th Cle 5.4 Refe	ear a self-containe itional inform water spray jet to er drains or water nate fire-fighting r N 6: Accident sonal precaut	d breathing a nation protect pers courses. Do neasures to t al release	apparatus and sonnel and to not inhale exp the fire surrou	d chemical pr cool endang plosion and c undings.	rotective ered cor	ntainers. Do not allow ru		0 0
5.4 Add Use ente ordii 5.2 Envi 5.3 Met 5.3 Met Cle 6.4 Refe Safe	itional inform water spray jet to er drains or water nate fire-fighting r 16: Accident sonal precaut	nation protect pers courses. Do n neasures to n al release	sonnel and to not inhale exp the fire surrou	cool endang plosion and c undings.	ered cor	ntainers. Do not allow ru		0 0
5.1 Pers Wea 5.2 Envi 5.3 Met 5.3 Met 5.4 Refe Safe	water spray jet to er drains or water nate fire-fighting r <b>6: Accident</b> sonal precaut	protect persourses. Do neasures to the source of the sourc	not inhale exp the fire surrou	plosion and c undings.				0 0
ente ordin SECTION 5.1 Pers Wea 5.2 Envi Do r 5.3 Met 5.3 Met Sui Cle Sui Cle 5.4 Refe	er drains or water nate fire-fighting r N 6: Accident sonal precaut	al release	not inhale exp the fire surrou	plosion and c undings.				0 0
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Wea 5.2 Envi Dor 5.3 Met 5.3 Cle Oth Cle 5.4 Refe Safe	-	ions, pro						
5.2 Envi Dor 5.3 Met 5.3 Cle Ott Cle 5.4 Refe Safe	r personal protect		tective e	quipment	t and e	emergency proce	edures	
Do r 5.3 Met For Sui Cle Oth Cle 5.4 Refe Safe				ection 8). Pro	ovide ade	equate ventilation. Rem	ove persons	to safety.
5.3 Met For Sui Cle Oth Cle 5.4 Refe Safe	ironmental p					<b>.</b>		
For Sui Cle Oth Cle 5.4 Refe Safe						face water or drains.		
Sui Cle <b>Oth</b> Cle 5.4 <b>Refe</b> Safe	hods and ma	terial for	containn	ient and	cieani	ing up		
Cle 5.4 Refe Safe	cleaning up itable material for an contaminated				ronment	tal legislation.		
Safe	ner informati ear spills immediat	-		-		-		
	erence to oth	er sectio	ns					
	e handling: see sec onal protection eq osal: see section :	uipment: se	e section 8					
SECTION	N 7: Handling	and stor	age					
7.1 <b>Pre</b> o	cautions for s	afe hand	lling					
Whe	en using do not ea	t, drink, smo	-					
not equ gas the wo	t useable after free uipment (refer to s s/fumes/vapour/sp e entire working ar rk processes have	ezing. Inhala section 8). Al ray. Use onl ea must be priority over	ways close co y in well-vent ventilated by	ontainers tigh tilated areas. technical me	ntly after If local ans. Tec	n contact Eye contact W r the removal of product exhaust ventilation is no chnical measures and th	t. Do not brea ot possible or	athe r not sufficient
	easures to preve		lavel	an for fi				
	he product is not: ire class :	riammable l	Jsuai measure	es for fire pre	evention			
	hake well befor	e use	- Yes					
-	vices on gene			vaiene				
			ted clothing a		efore re	lise		

7.2 Conditions for safe storage, including any incompatibilities

# Trade name :

Revision date : Print date :

# Lithofin MULTISEAL

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6.1.1 (6.1.0)

## **Requirements for storage rooms and vessels**

Keep container tightly closed. Keep/Store only in original container. The floor should be leak tight, jointless and not absorbent. Ensure adequate ventilation of the storage area.

#### Hints on joint storage

Storage class (TRGS 510): 12

**Recommended storage temperature** 5 - 25 °C **Protect from frost** Yes

# Further information on storage conditions

Keep locked up and out of reach of children. Keep container tightly closed in a cool, well-ventilated place. **Protect against :** Frost

## 7.3 Specific end use(s)

#### Recommendation

Observe technical data sheet. Observe instructions for use.

# **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

# **Occupational exposure limit values**

2-(2-ETHOXYETHOXY)ETHANOL ; CAS No. : 111-90-0

_ (	
Limit value type (country of origin) :	TRGS 900 ( D )
Limit value :	6 ppm / 35 mg/m <sup>3</sup>
Peak limitation :	2(I)
Remark :	Y
Version :	27.10.2020
PYRIDINE-2-THIOL 1-OXIDE, SODIUM	SALT ; CAS No. : 3811-73-2
Limit value type (country of origin) :	TRGS 900 ( D )
Parameter :	E: inhalable fraction
Limit value :	1 mg/m <sup>3</sup>
Peak limitation :	2(II)
Remark :	H, Z
Version :	01.03.2018

## 8.2 Exposure controls

## Appropriate engineering controls

Ensure adequate ventilation of the storage area.

Technical measures and the application of suitable work processes have priority over personal protection equipment.

# Personal protection equipment

# Eye/face protection

Usually no personal eye/face protection necessary. Eye/face protection necessary at: Splashes, Contact with eyes, Spray application.

#### Suitable eye protection

Eye glasses with side protection goggles

# **Required properties**

DIN EN 166

#### Skin protection

Usually no personal skin protection necessary. Skin protection necessary at: Splashes, Contact with skin, Spray application.

#### Hand protection

Suitable gloves type : Gloves with long cuffs

**Suitable material** : NBR (Nitrile rubber), 0,4mm, >8h; Butyl caoutchouc, 0,5mm, >8h; FKM (fluoro rubber), 0,7mm, >8h;

**Recommended glove articles** : Manufacturer KCL GmbH/Eichenzell-Germany; Ansell/Yarra City-Australia Or comparable articles from other companies.

Additional hand protection measures : Check leak tightness/impermeability prior to use.

# Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

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**Revision date :** Print date :

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Remark : Breakthrough times and swelling properties of the material must be taken into consideration. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Barrier creams are not substitutes for body protection.

#### **Body protection**

Protective clothing.

Suitable protective clothing : Chemical protection clothing Chemical resistant safety shoes

# Required properties : acid-resistant. alkali-resistant.

Protective clothing. : DIN EN 13034 DIN EN 14605

Chemical resistant safety shoes : DIN EN ISO 20345

Remark : Barrier creams are not substitutes for body protection.

#### **Respiratory protection**

Usually no personal respirative protection necessary. Respiratory protection necessary at: insufficient ventilation aerosol or mist formation. high concentrations spray application

#### Suitable respiratory protection apparatus

Combination filtering device (EN 14387) Half-face mask (DIN EN 140) ABEK-P1

#### Remark

Use only respiratory protection equipment with CE-symbol including four digit test number. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

#### General information

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500. When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing immediately. Wash contaminated clothing prior to re-use. Wash hands before breaks and after work. Apply skin care products after work. Do not breathe gas/fumes/vapour/spray.

#### **SECTION 9: Physical and chemical properties**

# 9.1 Information on basic physical and chemical properties

Appearance :	liquid					
Colour :	white					
Odour :	unspecific					
Safety charact	eristics					
Melting point/freez		( 1013 hPa )	approx.	-1	°C	
Initial boiling point range :	and boiling	(1013 hPa)	approx.	97	°C	
Decomposition tem	perature :	( 1013 hPa )		not determined		
Flash point :				not applicable		closed cup (EN ISO 3679)
Auto-ignition temp	erature :			not determined		
Sustaining combust	tion			No		UN Test L2:Sustained combustibility test
Lower explosion lin Upper explosion lin				not determined not determined		
Vapour pressure :		(50 °C)	<	3000	hPa	
Density :		( 20 °C )		1,02	g/cm <sup>3</sup>	Pyknometer (DIN EN ISO 2811-1)
Solvent separation	test :	(20 °C)	<	3	%	Test L1: Solvent separation test (UN)
Water solubility		( 20 °C )		emulsifiable		
pH: log P O/W:			approx.	9 not determined		DIN 19268 (Mixture)
Flow time :		(23 ℃)	<	15	s	ISO cup 4 mm
		(25 C)			3	(DIN EN ISO 2431)
Odour threshold : Vapourisation rate				not determined not determined		
VOC content-EC	•			4,5	Wt %	*
VOC-France				A+		Décret no 2011-321 du

Safety Data She according to Regula	tion (EC) No. 1907/2006 (REAC	CH)	
<b>Frade name :</b> evision date : rint date :	Lithofin MULTISEAL 04.03.2021 13.04.2021	Version (Revision) :	6.1.1 (6.1.0
		:	23 mars 2011
	ile organic compound (VOC)" means any org neasured at a standard pressure of 101,3 kP <b>on</b>		iling point less tha
SECTION 10: Stabilit	ty and reactivity		
<ul> <li>Chemical stabili The product is chemi</li> <li>Possibility of ha No hazardous reactio</li> <li>Conditions to av Stable under recomm</li> <li>Incompatible m No data available</li> <li>Hazardous deco</li> </ul>	cally stable under recommended conditions <b>zardous reactions</b> In when handled and stored according to provide <b>roid</b> mended storage and handling conditions.	of storage, use and temperature.	
ECTION 11: Toxico	logical information		
1.1 Information on	hazard classes as defined in Re	egulation (EC) No 1272/2	008
Acute toxicity	data the elaceification criteria are not mot		
Acute oral toxicit	data, the classification criteria are not met. <b>y</b>		
Parameter :	LD50 ( 1,2-BENZISOTHIAZO	DL-3(2H)-ONE;CAS No.:2634-33-5)	1
Exposure route : Effective dose :	Oral > 2000 mg/kg		
Acute dermal tox	0. 0		
Parameter : Exposure route :	Dermal	DL-3(2H)-ONE ; CAS No. : 2634-33-5 )	
	> 5000 mg/kg		
Effective dose : Specific effects	(Longterm animal experiment	-)	
Specific effects	<b>Congterm animal experiment</b> vailable on the preparation/mixture itself.	:)	
Specific effects	<b>Congterm animal experiment</b> vailable on the preparation/mixture itself.	:)	
Specific effects There are no data a Corrosion Based on available of	• •	:)	
Specific effects There are no data a Corrosion Based on available o Respiratory or Based on available o	vailable on the preparation/mixture itself. data, the classification criteria are not met. <b>skin sensitisation</b> data, the classification criteria are not met.	-	
Specific effects There are no data a Corrosion Based on available o Respiratory or Based on available o Repeated dose	vailable on the preparation/mixture itself. data, the classification criteria are not met. <b>skin sensitisation</b> data, the classification criteria are not met. <b>toxicity (subacute, subchronic</b>	-	
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Specific effects There are no data a Corrosion Based on available o Respiratory or Based on available o Repeated dose There are no data a CMR effects (ca Carcinogenicity	vailable on the preparation/mixture itself. data, the classification criteria are not met. <b>skin sensitisation</b> data, the classification criteria are not met. <b>toxicity (subacute, subchronic</b> vailable on the preparation/mixture itself.	, chronic) nd toxicity for reproductio	on)
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Safety Data She		1007/2006 (REACU	N .	( EN / [
iccording to Regulat		No. 1907/2006 (REACH	1)	
Frade name :	l itho	fin MULTISEAL		
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Based on available d	lata the class	ification criteria are not met.		
STOT-repeated Based on available d	exposure lata, the class			
Aspiration haza		····		
		ification criteria are not met.		
1.2 Information on ( No information availal		ards		
SECTION 12: Ecologi	cal inform	ation		
2.1 Toxicity				
Aquatic toxicity	/			
		ification criteria are not met.		
		aquatic algae and cyanobac	teria	
Parameter :			3(2H)-ONE ; CAS No. : 2634-33-5 )	
Species :		Daphnia		
Evaluation parame	ter :	Acute (short-term) toxicity to c	crustacea	
Effective dose :		3,27 mg/l		
Exposure time :		48 h		
Method :		OECD 202		
Parameter : Species :		Algae	3(2H)-ONE ; CAS No. : 2634-33-5 )	
Evaluation parame	ter :		equatic algae and cyanobacteria	
Effective dose :		0,11 mg/l		
Exposure time :		72 h		
Method :		OECD 201		
Sewage treatm	ent plant			
Observe local regula	tions concerni	ng effluent treatment.		
2.2 Persistence and	degradab	ility		
There are no data ava	ailable on the	preparation/mixture itself.		
Biodegradation	1			
-		e preparation/mixture itself.		
12.3 Bioaccumulative	e potentia			
	-	preparation/mixture itself.		
12.4 Mobility in soil				
-	ailable on the	preparation/mixture itself.		
12.5 Results of PBT a				
		ot meet the PBT/vPvB criteria ad	cording to REACH, annex XIII.	
12.6 Endocrine disru			<b>3 • • • •</b>	
No information availa				
12.7 Other adverse e				
		preparation/mixture itself.		
12.8 Additional ecoto				
Additional informat	-			
The product has not				
SECTION 13: Disposa	al conside	rations		
-				
L3.1 Waste treatmen				
Dispose of waste accord Waste disposal accord		cable legislation. /e 2008/98/EC, covering waste a	and dangerous waste.	
•	5	lasta Eramowork Diroc	5	

Directive 2008/98/EC (Waste Framework Directive)

# Trade name :

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#### Before intended use

#### Waste codes/waste designations according to EWC/AVV

Waste code (EWC/AVV): 07 01 99 (Wastes not otherwise specified)

#### After intended use

Do not allow to enter into surface water or drains. Non-contaminated packages may be recycled. Packing which cannot be properly cleaned must be disposed of. Delivery to an approved waste disposal company.

#### **Disposal operations**

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Packing which cannot be properly cleaned must be disposed of.

#### **13.2 Additional information**

These codes are assigned based upon the most common uses for this material and may not reflect contaminants resulting from actual use.

#### **SECTION 14: Transport information**

#### 14.1 UN number

No dangerous good in sense of these transport regulations.

#### 14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

#### 14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

#### 14.4 Packing group

No dangerous good in sense of these transport regulations.

#### 14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

# 14.6 Special precautions for user

#### None

**14.7 Maritime transport in bulk according to IMO instruments** Not required.

#### **SECTION 15: Regulatory information**

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

#### EU legislation

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on classification, labelling and packaging of substances and mixtures (clp)

DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on waste (2000/532/EC) EN 2:1992 (DIN EN 2:2005-01)

#### Authorisations and/or restrictions on use

#### **Restrictions of occupation**

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

#### Other regulations (EU)

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work. (Directive 2000/39/EC, Directive 2006/15/EC, Directive 2009/161/EC) REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL concerning the export and

import of hazardous chemicals [PIC-Regulation]: Not listed.

REGULATION (EU) No 98/2013 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on the marketing and use of explosives precursors: Not listed.

**Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer** Not listed.

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)			
Trade name : Revision date : Print date :	Lithofin MULT 04.03.2021 13.04.2021		6.1.1 (6.1.0)
Regulation (EC) Not listed.	wing substances that deplete the the second stances that deplete the second standard standard standard standard (POP):	tion]	
National regulation	,		
Germany: TRGS 400 (Risk asse TRGS 500 (Protectiv TRGS 510 (Storage o	any national regulations! essment for activities involving e measures) of hazardous substances in nor instruction and information for	n-stationary containers)	
Water hazard clas	s (WGK)		
Classification accor	ding to AwSV - Class : 1 (Slight	tly hazardous to water)	
	, restrictions and prohibitio	n regulations	
Switzerland	-		
VOCV-Regulation	ontent (Switzerland) : < 3	Wt % according to VOCV	
Austria			
Regulation on F VbF-Class : NU	lammable Liquids - VbF		
15.2 Chemical safety	assessment		
•		ment has not been carried out.	
15.3 Additional inform	nation		
SECTION 16: Other i	-formation		

# 16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 02. Special rules for supplemental label elements for certain mixtures · 03. Hazardous ingredients · 07. Hints on joint storage - Storage class · 15. Water hazard class (WGK)

# 16.2 Abbreviations and acronyms

ABC-Pulver	Extinguishing powder for fire class A, B and C
ABEK-P1	combination filter
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
AVV	Abfallverzeichnis-Verordnung (Waste Regulation)
AWSV	Ordinance on facilities for the handling of substances hazardous to water
BGR	BG rules and regulations
ca.	circa
CAS	Chemical Abstracts Service
CLP	classification, labelling and packaging
CMR	Carcinogen, mutagen or toxic for reproduction
DIN	German Institute for Standardization
DNEL	Derived No-Effect Level
EAK/EWC/EAC/CWR/CER	European Waste Catalogue
EC50 / CE50	Effective Concentration 50%
EG / EC / CE	European Community
EN	European Standard
EUH	supplemental hazard statement of the european union
GefStoffV	Gefahrstoffverordnung (Hazardous Substances Ordinance)
ghs / Sgh	Globally Harmonised System
H-Sätze	hazard statements

IATA-DGR	International Air Transport Association-Dangerous Goods Regulations
IBC-Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO-TI	International Civil Aviation Organization-Technical Instructions
IMDG-Code	International Maritime Dangerous Goods Code
ISO	International Organization for Standardization
LC50 / CL50	Lethal Concentration 50%
LD50 / DL50	Lethal Dose 50%
log P O/W	Partition coefficient n-octanol/water
MARPOL	International Convention for the Prevention of Pollution from Ships (marine pollution)
NOAEL (DSET)	No observed adverse effect level
NOEC (CSEO)	No observed effect concentration
Nr.	Number
OECD	Organisation for Economic Co-operation and Development
PBT	persistent, bioaccumulative and toxic
рН	Potentia hydrogenii
PIC	prior informed consent
PNEC	Predicted No-Effect Concentration
POP	Persistent organic pollutants
P-Sätze	precautionary statements
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	International Carriage of Dangerous Goods by Rail
STEL / LECT	short-term exposure limit
TRGS	Technische Regeln für Gefahrstoffe (Technical Rules for Hazardous Substances)
TWA / MPT	time-weighted average
UN/ONU	United Nations
VOC/COV/VOS/LZO	Volatile Organic Compound
VOCV	Ordinance on the Incentive Tax on Volatile Organic Compounds (SR 814.018)
vPvB	very persistent and very bioaccumulative
WGK	Wassergefährdungsklasse (Water hazard class)

For abbreviations and acronyms, see table at http://abbrev.esdscom.eu. For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

#### 16.3 Key literature references and sources for data

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL ECHA: Registered substances (https://echa.europa.eu/information-on-chemicals/registered-substances) REACH Article 59: Candidate List of substances of very high concern for Authorisation (https://echa.europa.eu/candidate-list-table)

# <sup>16.4</sup> Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard statements for physical hazards : On basis of test data. Hazard statements for health hazards : Calculation method. Hazard statements for environmental hazards : Calculation method.

## 16.5 Relevant H- and EUH-phrases (Number and full text)

- H301Toxic if swallowed.H302Harmful if swallowed.H311Toxic in contact with skin.H314Causes severe skin burns and eye damage.H315Causes skin irritation.H317May cause an allergic skin reaction.
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# Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

13.04.2021

# Trade name :

Revision date : Print date :

# Lithofin MULTISEAL

Version (Revision) :

6.1.1 (6.1.0)

Trade name :	Lithofin MULTISEAL		
Revision date : Print date :	04.03.2021 13.04.2021	Version (Revision) :	6.1.1 (6.1.0)
H318	Causes serious eye damage.		
H330	Fatal if inhaled.		
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.		
EUH071	Corrosive to the respiratory tract.		
16.6 Training advice			
None			
16.7 Additional infor	mation		
None	mation		

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.