	f ety Data She ording to Regulat			4)	(EN / C
	ording to Regulat		07/2000 (REACI	1)	
[ra	ade name :	Lithofin M	IN Polish		
	ion date : date :	12.08.2022 08.09.2022		Version (Revision) :	5.1.1 (5.1.0)
EC	TION 1: Identific	ation of the sub	stance/mixture	and of the company/ un	dertaking
.1	Product identifie Lithofin MN Polish	er			
.2	Relevant identif	ied uses of the s	ubstance or mix	ture and uses advised a	gainst
	Relevant identi				
		shes and wax blends Co	ontains: organic solven	its	
.3	Supplier				
	Distributor :		CDK Stone Pty		
	Street :		4-6 Freighter R		
	Postal code/City			in, Victoria 3189	
	Telephone :		+61 3 8552-60		
	Telefax :		+61 3 8552-60		
	Contact :		Technical Depa E-mail: enquirie	irtment es@cdkstone.com.au	
			Emergency tele	ephone number:	
			+61 (0)3 8552	-6000	
			(Only available	during office hours)	
	Supplier :		Lithofin AG		
	Street :		Heinrich-Otto-S	Str. 36	
	Postal code/City		73240 Wendli		
	Telephone :		+49 (0)7024 94	0	
	Telefax :		+49 (0)7024 94		
	Contact :		Technical Depa		
	contact .		E-mail: info@lit		
			+49 (0)7024 94		
4	Emorgonov tolov	ahono numbor	(Only available	during office hours)	
	Emergency telep see section 1.3				
	Sec Section 1.5				
EC	TION 2: Hazards	identification			
.1				1272/2008 [CLP]	
	None Additional info	mation			
			according to regulation	(EC) No 1272/2008 [CLP].	
	Remark				
		rd- and EU Hazard-stat	ements: see SECTION	16.	
2	Label elements				
	Labelling accor	ding to Regulati	on (EC) No. 127	2/2008 [CLP]	
	Special rules for s	upplemental label e	lements for certain		
	EUH210	Safety data sheet	available on request.		
.3	Other hazards				
	N				
.4	None Additional inform				

	fety Data She ording to Regulat	et ion (EC) No. 1907/2006 (REAC	CH)	(EN / D)
Revis	ade name : sion date : date :	Lithofin MN Polish 12.08.2022 08.09.2022	Version (Revision) :	5.1.1 (5.1.0)
	see section 12.5			
SEC	TION 3: Composi	tion/information on ingredient	ts	
3.2	918-481-9; CAS No. : Weight fraction : Classification 1272/2 Contains the follow according to Article None (below the conc Contains the follow according to Annex None (below the conc Additional informat All ingredients of this	L3, n-alkanes, isoalkanes, cyclics, < 2% aron	; SVHC) which are included in the (SVHC) which are subject to autho CH regulation.	Candidate List
SEC	TION 4: First aid	measures		
4.1	person or a person w advice. Following inhal Remove casualty to In case of skin of After contact with sk	ation symptoms are observed, get medical advice vith cramps. If unconscious but breathing n ation fresh air and keep warm and at rest. In cas	normally, place in recovery position an se of respiratory tract irritation, consu and soap. Immediately remove any co	nd seek medical It a physician. ontaminated

After eye contact

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

Following 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

5.1 Extinguishing media

Suitable extinguishing media Water spray jet ABC-powder Foam Unsuitable extinguishing media

Full water jet Strong water jet

5.2 Special hazards arising from the substance or mixture

	Hazardous combustion products
	Carbon monoxide Carbon dioxide (CO2)
5.3	
	Use suitable breathing apparatus.
	Special protective equipment for firefighters
	Wear a self-contained breathing apparatus and chemical protective clothing.
5.4	Additional information
	Use water spray jet to protect personnel and to cool endangered containers. Do not allow run-off from fire-fighting to enter drains or water courses. Do not inhale explosion and combustion gases. The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.
SEC	CTION 6: Accidental release measures
6.1	Personal precautions, protective equipment and emergency procedures
6 7	Wear personal protection equipment (refer to section 8). Provide adequate ventilation. Remove persons to safety.
6.2	Environmental precautions Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
6.3	Methods and material for containment and cleaning up
	For cleaning up
	Suitable material for taking up: Universal binder
	Clean contaminated articles and floor according to the environmental legislation.
	Other information
	Clear spills immediately.
6.4	Reference to other sections
	Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13
SEC	CTION 7: Handling and storage
7 1	Drocoutions for cofe handling
7.1	Precautions for safe handling When using do not eat, drink, smoke, sniff.
	Protective measures
	not useable after freezing. Inhalation of vapours or spray/mists Skin contact Eye contact Wear personal protection equipment (refer to section 8). Always close containers tightly after the removal of product. Do not breathe gas/fumes/vapour/spray. Use only in well-ventilated areas. If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means. Technical measures and the application of suitable work processes have priority over personal protection equipment.
	Measures to prevent fire
	The product is not: Flammable Usual measures for fire prevention.
	Fire class : B
	Shake well before use No
	Advices on general occupational hygiene
	P362+P364 - Take off contaminated clothing and wash it before reuse.
7.2	
	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): 10
	Recommended storage temperature 5 - 25 °C
	Protect from frost Yes

Trade name :

according to Regulation (EC) No. 1907/2006 (REACH)

08.09.2022

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Revision date :

Safety Data Sheet

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Revis	ade name : sion date : : date :	Lithofi 12.08.2022 08.09.2022	n MN Polish	Version (Revision) :	5.1.1 (5.1.0
7.3	Protect against : Specific end use Recommendatio	out of reach of Frost (S) ON		ightly closed in a cool, well-ventilated place.	
SEC	TION 8: Exposure	controls/	ersonal protectio	n	
	Limit value type (cou Limit value : Version : Limit value type (cou Limit value : Version : Limit value type (cou Limit value : Peak limitation :	Intry of origin): Intry of origin):	KZG (CH) 100 ppm / 600 mg/m ³ MAK (CH) 50 ppm / 300 mg/m ³	omatics ; CAS No. : (64742-48-9)	
	Version : PYRIDINE-2-THIOL 1- Limit value type (cou Parameter : Limit value : Remark : Version : Limit value type (cou	intry of origin) :	E: inhalable fraction 0,4 mg/m ³ SSc, H	-2	
	Parameter : Limit value : Remark : Version : Limit value type (cou		E: inhalable fraction 0,2 mg/m ³ SSc, H TRGS 900 (D)		
	Parameter : Limit value : Peak limitation : Remark : Version :		E: inhalable fraction 0,2 mg/m ³ 2(II) H, Z 27.10.2020		

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

EN 166

Skin protection

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

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Hand protection

Suitable gloves type : Gloves with long cuffs

Suitable material : NBR (Nitrile rubber), 0,4mm, >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.

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. : EN 13034 EN 14605

Chemical resistant safety shoes : 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 Half-face mask 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 :	Paste					
Colour :	white					
Odour :	solvent					
Safety charact	teristics					
Melting point/free	• •	(1013 hPa)		not determined		
Initial boiling poin range :	t and boiling	(1013 hPa)	>	90	°C	
Decomposition ten	nperature :	(1013 hPa)		not determined		
Flash point :			>	100	°C	closed cup (EN ISO 3679)
Auto-ignition temp	perature :			not determined		
Sustaining combus	stion			No		UN Test L2:Sustained combustibility test
Lower explosion li	mit :			not determined		
Upper explosion li	mit :			not determined		
Vapour pressure :		(50 °C)	<	3000	hPa	
Density :		(20 °C)		0,92	g/cm ³	Pyknometer (DIN EN ISO 2811-1)
Solvent separation	test :	(20 °C)	<	3	%	Test L1: Solvent separation test (UN)
Water solubility		(20 °C)		partially miscible		
рН :			approx.	10		DIN 19268

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log P O/W :			not determined		(Mixture)
Flow time :	(23 °C)	>	1000	S	ISO cup 4 mm (DIN EN ISO 2431)
Odour threshold :			not determined		
Vapourisation rate :			not determined		
VOC content-EC			22	Weight-%	*
VOC-France			A+		Décret no 2011-321 du 23 mars 2011

(* VOC-EC = "Volatile organic compound (VOC)" means any organic compound having an initial boiling point less than or equal to 250° C measured at a standard pressure of 101,3 kPa; VOC-value in g/L)

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

Stable under recommended storage and handling conditions.

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Based on available data, the classification criteria are not met.

Acute oral toxicity		
Parameter :	LD50 (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, No. : (64742-48-9))	< 2% aromatics ; CAS
Exposure route :	Oral	
Effective dose :	> 5000 mg/kg	
Acute dermal toxicity		
Parameter :	LD50 (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, No. : (64742-48-9))	< 2% aromatics ; CAS
Exposure route :	Dermal	
Effective dose :	> 5000 mg/kg	
Specific effects (Longterm	animal experiment)	
There are no data available on the p	preparation/mixture itself.	
Corrosion		
Based on available data, the classified	cation criteria are not met.	

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Repeated dose toxicity (subacute, subchronic, chronic)

There are no data available on the preparation/mixture itself.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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Print date :	08.09.2022		version (kevision).	5.1.1 (5.1.0)
Germ cell mutage	nicity	cation criteria are not met. cation criteria are not met.		
Reproductive toxi	city	cation criteria are not met.		
STOT-single ex				
		ation criteria are not met.		
STOT-repeated		ation chiena are not met.		
•	-	ation criteria are not met.		
Aspiration haza	-			
-		ation criteria are not met.		
11.2 Information on (-			
No information availab				
SECTION 12: Ecologi	cal informat	tion		
12.1 Toxicity				
-				
	,			
Aquatic toxicity Based on available d		ation criteria are not met.		
	ata, the classifica	ation criteria are not met.		
Based on available d	ata, the classificant of the classificant of the classificant of the classification of t		13, n-alkanes, isoalkanes, cyclics, <	2% aromatics ; CA
Based on available d Chronic (long-terr Parameter : Species :	ata, the classifica n) fish toxicity	NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Fish	13, n-alkanes, isoalkanes, cyclics, <	2% aromatics ; CA
Based on available d Chronic (long-tern Parameter : Species : Effective dose :	ata, the classifica n) fish toxicity	NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Fish > 0,1 - 1 mg/l	13, n-alkanes, isoalkanes, cyclics, <	2% aromatics ; CA
Based on available d Chronic (long-terr Parameter : Species : Effective dose :	ata, the classifica n) fish toxicity n) toxicity to a	NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Fish > 0,1 - 1 mg/l quatic invertebrate NOEC (Hydrocarbons, C10-C	13, n-alkanes, isoalkanes, cyclics, < 13, n-alkanes, isoalkanes, cyclics, <	
Based on available d Chronic (long-term Parameter : Species : Effective dose : Chronic (long-term Parameter :	ata, the classifica n) fish toxicity n) toxicity to a	NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Fish > 0,1 - 1 mg/l quatic invertebrate NOEC (Hydrocarbons, C10-C No. : (64742-48-9))		
Based on available d Chronic (long-terr Parameter : Species : Effective dose : Chronic (long-terr Parameter : Species :	ata, the classifica n) fish toxicity n) toxicity to a	NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Fish > 0,1 - 1 mg/l quatic invertebrate NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Daphnia		
Based on available d Chronic (long-terr Parameter : Species : Effective dose : Chronic (long-terr Parameter : Species : Effective dose :	ata, the classifica n) fish toxicity n) toxicity to a	NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Fish > 0,1 - 1 mg/l quatic invertebrate NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Daphnia > 0,1 - 1 mg/l		
Based on available d Chronic (long-terr Parameter : Species : Effective dose : Chronic (long-terr Parameter : Species : Effective dose :	ata, the classifica n) fish toxicity n) toxicity to a) toxicity to alg	NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Fish > 0,1 - 1 mg/l quatic invertebrate NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Daphnia > 0,1 - 1 mg/l gae and cyanobacteria		2% aromatics ; CA
Based on available d Chronic (long-terr Parameter : Species : Chronic (long-terr Parameter : Species : Effective dose : Effective dose : Acute (short-term	ata, the classifica n) fish toxicity n) toxicity to a) toxicity to alg	NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Fish > 0,1 - 1 mg/l quatic invertebrate NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Daphnia > 0,1 - 1 mg/l gae and cyanobacteria EC50 (Hydrocarbons, C10-C1	13, n-alkanes, isoalkanes, cyclics, <	2% aromatics ; CA
Based on available d Chronic (long-terr Parameter : Species : Effective dose : Chronic (long-terr Parameter : Species : Effective dose : Acute (short-terr Parameter : Species : Effective dose :	ata, the classifica n) fish toxicity n) toxicity to a) toxicity to alg	NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Fish > 0,1 - 1 mg/l quatic invertebrate NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Daphnia > 0,1 - 1 mg/l gae and cyanobacteria EC50 (Hydrocarbons, C10-C1 No. : (64742-48-9))	13, n-alkanes, isoalkanes, cyclics, <	2% aromatics ; CA
Based on available d Chronic (long-terr Parameter : Species : Effective dose : Chronic (long-terr Parameter : Species : Effective dose : Acute (short-term Parameter : Species : Effective dose : Species : Effective dose :	ata, the classifica n) fish toxicity n) toxicity to a) toxicity to alg ent plant	NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Fish > 0,1 - 1 mg/l quatic invertebrate NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Daphnia > 0,1 - 1 mg/l gae and cyanobacteria EC50 (Hydrocarbons, C10-C1 No. : (64742-48-9)) Daphnia > 100 mg/l	13, n-alkanes, isoalkanes, cyclics, <	2% aromatics ; CA
Based on available d Chronic (long-terr Parameter : Species : Effective dose : Chronic (long-terr Parameter : Species : Effective dose : Acute (short-term Parameter : Species : Effective dose : Species : Species : Effective dose : Species : Species : Species : Effective dose : Species : Spec	ata, the classifica n) fish toxicity n) toxicity to a) toxicity to alg ent plant tions concerning	NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Fish > 0,1 - 1 mg/l quatic invertebrate NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Daphnia > 0,1 - 1 mg/l gae and cyanobacteria EC50 (Hydrocarbons, C10-C1 No. : (64742-48-9)) Daphnia > 100 mg/l effluent treatment.	13, n-alkanes, isoalkanes, cyclics, <	2% aromatics ; CA
Based on available d Chronic (long-terr Parameter : Species : Effective dose : Chronic (long-terr Parameter : Species : Effective dose : Acute (short-terrm Parameter : Species : Effective dose : Species : Species : Effective dose : Species : Effective dose : Species : Species : Effective dose : Species : Species : Effective dose : Species : Effective dose : Species : Effective dose : Species :	ata, the classifica n) fish toxicity n) toxicity to a) toxicity to alg ent plant tions concerning degradabilit	NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Fish > 0,1 - 1 mg/l quatic invertebrate NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Daphnia > 0,1 - 1 mg/l gae and cyanobacteria EC50 (Hydrocarbons, C10-CI No. : (64742-48-9)) Daphnia > 100 mg/l effluent treatment. ty	13, n-alkanes, isoalkanes, cyclics, <	2% aromatics ; CA
Based on available d Chronic (long-terr Parameter : Species : Effective dose : Chronic (long-terr Parameter : Species : Effective dose : Acute (short-terr Parameter : Species : Effective dose : Sewage treatm Observe local regulat 12.2 Persistence and There are no data ava	ata, the classifica n) fish toxicity n) toxicity to a) toxicity to alg ent plant tions concerning degradabilit ilable on the pre	NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Fish > 0,1 - 1 mg/l quatic invertebrate NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Daphnia > 0,1 - 1 mg/l gae and cyanobacteria EC50 (Hydrocarbons, C10-C1 No. : (64742-48-9)) Daphnia > 100 mg/l effluent treatment.	13, n-alkanes, isoalkanes, cyclics, <	2% aromatics ; CA
Based on available d Chronic (long-terr Parameter : Species : Effective dose : Chronic (long-terr Parameter : Species : Effective dose : Acute (short-terr Parameter : Species : Effective dose : Species : Effective dose : Sewage treatme Observe local regular 12.2 Persistence and There are no data ava Biodegradation	ata, the classifica n) fish toxicity n) toxicity to a) toxicity to alg ent plant tions concerning degradabilit ilable on the pre	NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Fish > 0,1 - 1 mg/l quatic invertebrate NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Daphnia > 0,1 - 1 mg/l gae and cyanobacteria EC50 (Hydrocarbons, C10-C1 No. : (64742-48-9)) Daphnia > 100 mg/l effluent treatment. ty paration/mixture itself.	13, n-alkanes, isoalkanes, cyclics, <	2% aromatics ; CA
Based on available d Chronic (long-terr Parameter : Species : Effective dose : Chronic (long-terr Parameter : Species : Effective dose : Acute (short-term Parameter : Species : Effective dose : Species : Effective dose : Species : Effective dose : Sewage treatm Observe local regular 12.2 Persistence and There are no data ava Biodegradation There are no data ava	ata, the classifica n) fish toxicity n) toxicity to a) toxicity to alg ent plant tions concerning degradabiliti ilable on the pre- vailable on the pre-	NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Fish > 0,1 - 1 mg/l quatic invertebrate NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Daphnia > 0,1 - 1 mg/l gae and cyanobacteria EC50 (Hydrocarbons, C10-CI No. : (64742-48-9)) Daphnia > 100 mg/l effluent treatment. ty	13, n-alkanes, isoalkanes, cyclics, <	2% aromatics ; CA
Based on available d Chronic (long-terr Parameter : Species : Effective dose : Chronic (long-terr Parameter : Species : Effective dose : Acute (short-term Parameter : Species : Effective dose : Effective dose : Species : Effective dose : Effective	ata, the classifica n) fish toxicity n) toxicity to a) toxicity to alg ent plant tions concerning degradabiliti ilable on the pre- vailable on the pre- potential	NOEC (Hydrocarbons, C10-C No. : $(64742-48-9)$) Fish > 0,1 - 1 mg/l quatic invertebrate NOEC (Hydrocarbons, C10-C No. : $(64742-48-9)$) Daphnia > 0,1 - 1 mg/l gae and cyanobacteria EC50 (Hydrocarbons, C10-C No. : $(64742-48-9)$) Daphnia > 100 mg/l effluent treatment. ty paration/mixture itself.	13, n-alkanes, isoalkanes, cyclics, <	2% aromatics ; CA
Based on available d Chronic (long-terr Parameter : Species : Effective dose : Chronic (long-terr Parameter : Species : Effective dose : Acute (short-terrm Parameter : Species : Effective dose : Sewage treatm Observe local regular 12.2 Persistence and There are no data ava Biodegradation There are no data ava 14.3 Bioaccumulative There are no data ava	ata, the classifica n) fish toxicity n) toxicity to a) toxicity to alg ent plant tions concerning degradabiliti ilable on the pre- vailable on the pre- potential	NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Fish > 0,1 - 1 mg/l quatic invertebrate NOEC (Hydrocarbons, C10-C No. : (64742-48-9)) Daphnia > 0,1 - 1 mg/l gae and cyanobacteria EC50 (Hydrocarbons, C10-C1 No. : (64742-48-9)) Daphnia > 100 mg/l effluent treatment. ty paration/mixture itself.	13, n-alkanes, isoalkanes, cyclics, <	2% aromatics ; CA
Based on available d Chronic (long-terr Parameter : Species : Effective dose : Chronic (long-terr Parameter : Species : Effective dose : Acute (short-term Parameter : Species : Effective dose : Sewage treatm Observe local regular 12.2 Persistence and There are no data ava Biodegradation There are no data ava 14.3 Bioaccumulative There are no data ava 14.4 Mobility in soil	ata, the classifica n) fish toxicity n) toxicity to a) toxicity to alg ent plant tions concerning degradabiliti ilable on the pre- vailable on the pre- potential ilable on the pre-	NOEC (Hydrocarbons, C10-C No. : $(64742-48-9)$) Fish > 0,1 - 1 mg/l quatic invertebrate NOEC (Hydrocarbons, C10-C No. : $(64742-48-9)$) Daphnia > 0,1 - 1 mg/l gae and cyanobacteria EC50 (Hydrocarbons, C10-C No. : $(64742-48-9)$) Daphnia > 100 mg/l effluent treatment. ty paration/mixture itself.	13, n-alkanes, isoalkanes, cyclics, <	2% aromatics ; CA
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Safety Data		t on (EC) No. 1907/20	06 (REACH	D)	(EN / D)
	guiati			·/	
Trade nam	e:	Lithofin MN P	olish		
Revision date :		12.08.2022		Version (Revision) :	5.1.1 (5.1.0)
Print date :		08.09.2022			
Additional ir The product					
SECTION 13: D	isposal	considerations			
Waste disposa Directive Before inte Waste coo Waste coo After inten	ste accord al accordin 2008/9 nded use les/wast le (EWC/A ded use	ling to applicable legislation. g to directive 2008/98/EC, c 18/EC (Waste Frame e designations according VV): 07 01 99 (wastes n	overing waste a work Direc to EWC/AVV ot otherwise spo	tive)	
cannot be p Disposal c Contamina	properly cl peration ated packa	eaned must be disposed of. s	Delivery to an a ptied and can b	ated packages may be recycled. P approved waste disposal company. e re-used following proper cleanin	
13.2 Additional These codes a resulting from	are assigne	ed based upon the most com	nmon uses for th	nis material and may not reflect co	ontaminants
SECTION 14: T	ranspor	t information			
14.1 UN numbe	۲				
	-	ense of these transport regu	lations		
14.2 UN proper	-				
		ense of these transport requ	llations.		
14.3 Transport		1 5			
_		ense of these transport regu	llations.		
14.4 Packing gr	oup				
		ense of these transport regu	llations.		
14.5 Environme					
No dangerous	good in s	ense of these transport regu	llations.		
14.6 Special pre	cautio	ns for user			
	in bulk	according to Annex	II of Marpo	ol and the IBC Code	
SECTION 15: R	egulato	ory information			
15.1 Safety, hea mixture	alth and	l environmental reg	ulations/le	gislation specific for the	substance or
EU legislatio REGULATIOI Registration, REGULATIOI	N (EC) No Evaluatio N (EC) No	n, Authorisation and Restrict	ion of Chemical	T AND OF THE COUNCIL concerni s (REACH) T AND OF THE COUNCIL on classi	-

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 on use

Use restriction according to REACH annex XVII, no.: 75

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

(EN/D)

Trade name :

Revision date : Print date :

Lithofin MN Polish 12.08.2022

08.09.2022

Version (Revision) :

5.1.1 (5.1.0)

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/not relevant.

REGULATION (EU) No 2019/1148 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on the marketing and use of explosives precursors: Not listed/not relevant.

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

Contains the following substances that deplete the ozone layer: -

Regulation (EC) 2019/1021 [POP Regulation]

Not listed/not relevant.

Name of the persistent organic pollutant (POP): -

National regulations

Observe in addition any national regulations!

Germany:

TRGS 400 (Risk assessment for activities involving hazardous substances)

TRGS 500 (Protective measures)

TRGS 510 (Storage of hazardous substances in non-stationary containers)

TRGS 555 (Working instruction and information for workers)

Water hazard class

Classification according to AwSV - Class : 1 (Slightly hazardous to water)

Other regulations, restrictions and prohibition regulations

Switzerland

VOCV-Regulation

Maximum VOC content (Switzerland): 21,1 Weight-% according to VOCV

Austria

Regulation on Flammable Liquids - VbF

VbF-Class: NU

15.2 Chemical Safety Assessment

For this substance/mixture a chemical safety assessment has not been carried out.

15.3 Additional information

SECTION 16: Other information

16.1 Indication of changes

07. Hints on joint storage - Storage class

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

afety Data She cording to Regulat	et ion (EC) No. 1907/2006 (R	EACH)	(EN /
rade name :	Lithofin MN Polis	-	
ision date :	12.08.2022	Version (Revision) :	5.1.1 (5.1.0
it date :	08.09.2022		0.1.1 (0.1.0
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 o	f the european union	
GefStoffV	Gefahrstoffverordnung (Hazardou		
GHS / SGH	Globally Harmonised System	,	
H-Sätze	hazard statements		
IATA-DGR	International Air Transport Assoc	iation-Dangerous Goods Regulations	
IBC-Code		uction and Equipment of Ships carrying D	angerous
ICAO-TI	International Civil Aviation Organ	ization-Technical Instructions	
IMDG-Code	International Maritime Dangerous		
ISO	International Organization for Sta		
LC50 / CL50	Lethal Concentration 50%		
LD50 / DL50	Lethal Dose 50%		
log P O/W	Partition coefficient n-octanol/wa	ter	
MARPOL		Prevention of Pollution from Ships (marine	e pollution)
NOAEL (DSET)	No observed adverse effect level		
NOEC (CSEO)	No observed effect concentration		
Nr.	Number		
OECD	Organisation for Economic Co-op	eration and Development	
PBT	persistent, bioaccumulative and t	•	
pH	Potentia hydrogenii		
PIC	prior informed consent		
PNEC	Predicted No-Effect Concentration	J	
POP	Persistent organic pollutants		
P-Sätze	precautionary statements		
REACH	· <i>,</i>	ation and Restriction of Chemicals	
RID	International Carriage of Dangero		
STEL / LECT	short-term exposure limit		
TRGS		fe (Technical Rules for Hazardous Substa	nces)
TWA / MPT	time-weighted average		
UN/ONU	United Nations		
VOC/COV/VOS/LZO	Volatile Organic Compound		
VOCV		n Volatile Organic Compounds (SR 814.0	18)
vPvB	very persistent and very bioaccur		- /
WGK	Wassergefährdungsklasse (Water		

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)

$^{16.4}$ Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Trade name :	Lithofin MN Polish		
Revision date : Print date :	12.08.2022 08.09.2022	Version (Revision) :	5.1.1 (5.1.0)
Hazard statements fo	r physical hazards : On basis of test data.		
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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.