	fety Data She				(EN / D
acco	ording to Regulat	tion (EC) No. 190	7/2006 (REACH)		
Tra	ade name :	l ithofin CE	EMENT-AWAY	,	
Revis	ion date : date :	30.01.2019 01.02.2019		Version (Revision) :	4.0.2 (4.0.1)
SEC	TION 1: Identific	ation of the subs	stance/mixture and	l of the company/ ur	dertaking
L. 1	Product identifie				
L.2	Relevant identif	ied uses of the su	ubstance or mixtur	e and uses advised a	gainst
	Relevant identi				-
	Mixture Washing and	d cleaning products, aci	dic		
L.3	Supplier (manuf	acturer/importe	r/only representat	ive/downstream use	r/distributor)
	Distributor :		CDK Stone Pty Ltd		
	Street :		4-6 Freighter Rd		
	Postal code/city :		AUS-Moorabbin, Vi	ictoria 3189	
	Telephone :		+61 3 8552-6000		
	Telefax :		+61 3 8552-6001		
	Contact :		Technical Departme E-mail: enquiries@c		
			Emergency telephor +61 (0)3 8552-6000 (Only available durir)	
	Supplier :		Lithofin AG		
	Street :		Heinrich-Otto-Str. 3		
	Postal code/city :		73240 Wendlingen		
	Telephone :		+49 (0)7024 9403-0		
	Telefax :		+49 (0)7024 9403-4		
	Contact :		Technical Departme E-mail: info@lithofir		
			Emergency telephor +49 (0)7024 9403-0 (Only available durir)	
1.4	Emergency telep	ohone number		<i>,</i>	
	see section 1.3				
SEC	TION 2: Hazards	identification			
2.1	Classification of				
		• •	Ilation (EC) No 127	· • •	
				Causes serious eye damage. severe skin burns and eye da	mage
			Category 1 ; May be corros		inage.
			Category 3 ; May cause re		
	Additional infor	mation	-		
	skin corrosivity/irrita	fied as hazardous accor ncy: Skin Corr. 1B (OEC		1272/2008 [CLP]. Results fro	om in vitro test for
	Remark		a 16		
2.2	Label elements	UH-phrases: see sectior	1 10.		
د.۷			on (EC) No. 1272/2		
	I shalling sees				

Safety Data She according to Regulat	et ion (EC) No. 1907/2006 (REACH)		(EN / D)
Trade name : Revision date : Print date :	Lithofin CEMENT-AWAY 30.01.2019 01.02.2019	Version (Revision) :	4.0.2 (4.0.1)
PG			

Corrosion (GHS05)	• Exclamation mark (GHS07)		
Signal word			
Danger			
Hazard componen	ts for labelling		
HYDROGEN CHLORI	DE ; CAS No. : 7647-01-0		
FORMIC ACID ; CAS	No. : 64-18-6		
Hazard statement	S		
H290	May be corrosive to metals.		
H314	Causes severe skin burns and eye damage.		
H335	May cause respiratory irritation.		
Precautionary stat	tements		
P102	Keep out of reach of children.		
P234	Keep only in original packaging.		
P260	Do not breathe dust/fume/gas/mist/vapours/	spray.	
P280	Wear protective gloves/protective clothing/ey		
P305+P351+P338	IF IN EYES: Rinse cautiously with water for s		t lenses, if present
	and easy to do. Continue rinsing.		,
P405	Store locked up.		

2.3 Other hazards

Adverse human health effects and symptoms

Due to its pH value (see section 9), irritation of the skin and eyes cannot be ruled out.

2.4 Additional information

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

 HYDROGEN CHLORIDE ; REACH registration No. : 01-2119484862-27-xxxx ; EC No. : 231-595-7; CAS No. : 7647-01-0

 Weight fraction :
 $\geq 15 - < 20 \%$

 Classification 1272/2008 [CLP] :
 Met. Corr. 1 ; H290 Skin Corr. 1B ; H314 Eye Dam. 1 ; H318 STOT SE 3 ; H335

 FORMIC ACID ; REACH registration No. : 01-2119491174-37-xxxx ; EC No. : 200-579-1; CAS No. : 64-18-6

 Weight fraction :
 $\geq 10 - < 15 \%$

 Classification 1272/2008 [CLP] :
 Flam. Liq. 3 ; H226 Skin Corr. 1A ; H314 Eye Dam. 1 ; H318

All ingredients of this mixture are (pre)registered according to REACH regulation. Full text of H- and EUH-phrases: 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. If breathing is irregular or stopped, administer artificial

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

Trade name :

Revision date : Print date : Lithofin CEMENT-AWAY

30.01.2019 01.02.2019 Version (Revision) :

4.0.2 (4.0.1)

respiration. 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

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Protect uninjured eye.

After ingestion

Call a physician immediately. Keep at rest. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. 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

Notes for the doctor

Treat symptomatically. Special treatment

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Water spray 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) Hydrogen chloride (HCl)

5.3 Advice for firefighters

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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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. Retain contaminated washing water and dispose it. Dispose of waste according to applicable legislation.

Other information

	fety Data She ording to Regulat	e et tion (EC) No. 1907/2006	5 (REACH)	(EN / D)
Tra	ade name :	Lithofin CEMEN	T-AWAY	
	sion date : date :	30.01.2019 01.02.2019	Version (Revision) :	4.0.2 (4.0.1)
	Clear spills immedia	itely.		
6.4	Reference to otl Safe handling: see se Personal protection e Disposal: see section	ection 7 equipment: see section 8		
SEC	TION 7: Handling	g and storage		
7.1	Protective mea All work processes r Skin contact Eye cor the removal of prod ventilation is not pos	at, drink, smoke, sniff. ISURES must always be designed so that the ntact Wear personal protection equivation of breathe gas/fumes/vais ssible or not sufficient, the entire of pplication of suitable work process	he following is excluded: Inhalation of vapours uipment (refer to section 8). Always close cont pour/spray. Use only in well-ventilated areas. I working area must be ventilated by technical m ses have priority over personal protection equip	tainers tightly after If local exhaust neans. Technical
	•	: Flammable Usual measures for fi	re prevention.	

Fire class :

Shake well before use nein

Advices on general occupational hygiene

P362+P364 - Take off contaminated clothing and wash it before reuse.

7.2 Conditions for safe storage, including any incompatibilities

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): 8B

Protect from frost nein

Recommended storage temperature 5 - 25 °C

Further information on storage conditions

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

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

HYDROGEN CHLORIDE ; CAS No. : 7647-01-0

Limit value type (country of origin) :	TRGS 900 (D)
Limit value :	2 ppm / 3 mg/m ³
Peak limitation :	2(I)
Remark :	Y
Version :	01.03.2018
Limit value type (country of origin) :	STEL (EC)
Limit value :	10 ppm / 15 mg/m ³
Version :	31.01.2018
Limit value type (country of origin) :	TWA (EC)
Limit value :	5 ppm / 8 mg/m ³
Version :	31.01.2018
FORMIC ACID ; CAS No. : 64-18-6	

	fety Data She				(EN / [
CC	ording to Regula	tion (EC) No	5. 1907/2006 (REACH)		
rā	ade name :	Lithofi	n CEMENT-AWAY		
	sion date :	30.01.2019		ersion (Revision) :	4.0.2 (4.0.1
nt	date :	01.02.2019			
	Limit value type (co Limit value :	untry of origin) :	IRGS 900 (D) 5 ppm / 9,5 mg/m ³		
	Peak limitation :		2(I)		
	Remark :		Y		
	Version :		17.10.2017		
	Limit value type (co	untry of origin) :			
	Limit value :		5 ppm / 9 mg/m ³		
	Version :	1-	07.02.2006		
2	Exposure contro				
	Appropriate en				
		and the applica	tion of suitable work processes have pr	iority over personal prote	ction equipment.
	Personal prote		ment		
	Eye/face prote				
	Suitable eye pro				
	Eye glasses with Required proper		joggles		
	DIN EN 166				
	Skin protectio	n			
	Hand protection				
			vith long cuffs to the main component. Butyl caoutchc	ouc, 0,5mm, >8h; FKM (fl	uoro rubber),
			: Manufacturer KCL GmbH/Eichenzell-G	Germany; Ansell/Yarra Cit	y-Australia Or
	comparable article		•	nanhility prior to use	
	Remark : Breakt of the protective concentration and resistance to cher	hrough times ar gloves resistant quantity of haz nicals of the pro	easures : Check leak tightness/impern ad swelling properties of the material m to chemicals must be chosen as a func ardous substances. For special purpose tective gloves mentioned above togeth	nust be taken into conside tion of the specific workin es, it is recommended to	ng place check the
	Barrier creams an Body protection	e not substitutes	s for body protection.		
	Protective clothin	7			
			Chemical protection clothing Chemical	resistant safety shoes	
	Required prope	-		,	
	Protective clothing footwear : DIN El	5	20345 DIN EN 13034 DIN EN 14605		
			substitutes for body protection.		
		l respirative pro	tection necessary. Respiratory protection	on necessary at: insufficie	nt ventilation
		5	ncentrations spray application		
			1 apparatus 14387) Half-face mask (DIN EN 140) Al	BEK-P1	
			uipment with CE-symbol including four		
	-		bination with the rules for using respira	atory protection apparatus	6 (DGK 190).
	General health	-		storials are encetted in the	
	When using do not e skin, eyes and cloth	eat, drink, smok es. Remove con fore breaks and	easures while handling with working m e, sniff. Keep away from food, drink an taminated, saturated clothing immediat after work. Apply skin care products a	nd animal feeding stuffs. A tely. Wash contaminated	Avoid contact with clothing prior to r
	TION 9: Physical				

Revis	ion date : date :	Litho 30.01.2019 01.02.2019		NT-AWAY	Version (Rev	ision) :	4.0.2 (4.0.1
9.1	Information or	n basic phy	sical and che	mical proper	ties		
	Appearance :	Liquid					
	Colour :	light yellow					
	Odour :	stinging					
	Safety relevar		ta				
	Melting point/mel		(1013 hPa)	<	-13	°C	
	Initial boiling poin range :	t and boiling	(1013 hPa)	approx.	106	°C	
	Decomposition ter	nperature :	(1013 hPa)		not determined		
	Flash point :				not applicable		closed cup (EN ISO 3679)
	Ignition temperat	ure :			not determined		(EN 130 3073)
	Sustaining combus	stion			No		UN Test L2:Sustained
	Lower explosion li Upper explosion li				not determined not determined		combustibility test
	Vapour pressure :	-	(50 °C)	<	3000	hPa	
	Density :		(20 °C)		1,12	g/cm ³	Pyknometer (DIN EN ISO 2811-1)
	Solvent separation	1 test :	(20 °C)	<	3	%	Test L1: Solvent
	Water solubility		(20 °C)		miscible		separation test (UN)
	pH:		/	approx.	0		DIN 19268
	log P O/W :				not determined		(Mixture)
	Flow time :		(23 °C)	<	15	S	ISO cup 4 mm (DIN EN ISO 2431)
	Odour threshold :				not determined		
	Vapourisation rate VOC content-EC	9:		approv	not determined 14,6	Wt %	*
	VOC CONCENT-EC			approx.	14,0	VVL 70	Décret no 2011-321

(* 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

The product develops hydrogen in an aqueous solution in contact with metals.

10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Safety Data She	et			(EN / I
ccording to Regulat	tion (EC) N	lo. 1907/2006 (REACH)		
Frade name :	Lithof	fin CEMENT-AWA	Y	
tevision date : Print date :	30.01.2019 01.02.2019		Version (Revision) :	4.0.2 (4.0.1
Acute effects				
There are no data av	vailable on the	e preparation/mixture itself. Data a	apply to the main component.	
Acute oral toxicity	,			
Parameter :		LD50 (FORMIC ACID ; CAS No.	: 64-18-6)	
Exposure route :		Oral		
Species :		Rat		
Effective dose :	ovicity	1210 mg/kg		
Acute inhalation t	OXICITY		CAS No. 17647 01 0)	
Parameter : Exposure route :		LC50 (HYDROGEN CHLORIDE ; Inhalation	CAS NO. : 7647-01-0)	
Species :		Rat		
Effective dose :		3124 ppm		
Specific sympto	ms in ani			
		preparation/mixture itself.		
Irritant and cor				
		ects		
Assessment/class Causes serious eye		ses severe burns. Results from in	vitro test for skin corrosivity/irri	tancy: Skin Corr.
1B (OECD 435)				
Sensitisation				
There are no data av	vailable on the	e preparation/mixture itself.		
Repeated dose	toxicity (s	subacute, subchronic, ch	ironic)	
There are no data av	vailable on the	preparation/mixture itself.		
CMR effects (ca	rcinogeni	city, mutagenicity and t	oxicity for reproductio	n)
Carcinogenicity	5		, ,	2
	available on th	e preparation/mixture itself.		
Other informatio				
No indication of h		aenicity.		
Germ cell mutage		Jenneleyn		
-	-	e preparation/mixture itself.		
		Il mutagenicity exist.		
Reproductive toxi	-	C ,		
		e preparation/mixture itself.		
Other informatio				
No indications of I	human reprod	uctive toxicity exist.		
Overall Assessme				
The ingredients in t	this mixture do	o not meet the criteria for classific	ation as CMR category 1A or 1B	according to CLF
STOT-single ex			0,	0
See SECTION 2.1 (cl				
STOT-repeated				
-	•			
See SECTION 2.1 (cl				
Aspiration haza				
See SECTION 2.1 (cl	lassification).			
SECTION 12: Ecologi	cal inform	ation		
2.1 Toxicity				
Data apply to the mai	n component.	There are no data available on the	e preparation/mixture itself.	
Aquatic toxicity	1			
Acute (short-term		city		
Parameter :		EC50 (FORMIC ACID ; CAS No.	: 64-18-6)	
Species :		Daphnia	-	
Species .		Daprina		
Effective dose :		120 mg/l		

48 h

Exposure time :

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

Trade name :

Revision date : Print date :

Lithofin CEMENT-AWAY

30.01.2019 01.02.2019 Version (Revision) :

4.0.2 (4.0.1)

Effects in sewage plants

Observe local regulations concerning effluent treatment. Before discharge into sewage plants the product normally needs to be neutralised.

12.2 Persistence and degradability

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

Biodegradation

The surfactant contained in this mixture complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3 Bioaccumulative potential

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

12.4 Mobility in soil

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

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Other adverse effects

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

12.7 Additional ecotoxicological information

Additional information

The product has not been tested.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose according to legislation.

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

Waste code (EWC/AVV): 06 01 06*

Waste code packaging

Waste code packaging: 15 01 10*

Waste treatment options

29/35 - Do not empty into drains; dispose of this material and its container in a safe way. Delivery to an approved waste disposal company.

Appropriate disposal / Package

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

UN 1760

14.2 UN proper shipping name

Land transport (ADR/RID) CORROSIVE LIQUID, N.O.S. (HYDROCHLORIC ACID · FORMIC ACID) Sea transport (IMDG) CORROSIVE LIQUID, N.O.S. (HYDROCHLORIC ACID · FORMIC ACID) Air transport (ICAO-TI / IATA-DGR)

Revision date : 30.01.2019 Version (Revision) : 4.0.2 (4.0.1) Print date : 01.02.2019 CORROSIVE LIQUID, N.O.S. (HYDROCHLORIC ACID · FORMIC ACID) 14.3 Transport hazard class(es) Land transport (ADR/RID) Class(es) : 8 Classification code : C9 Hazard identification number (Kemler No.) : 80 Tunnel restriction code : E Special provisions : LQ 11 · E 2 Hazard label(s) : 8 Sea transport (IMDG) Class(es) : FA / S-B Special provisions : LQ 11 · E 2 · IMDG-Code segregation group 1 - Acids Hazard label(s) : 8 Air transport (ICAO-TI / IATA-DGR) Class(es) : 8 14.4 Packing group II 14.5 Environmental hazards Land transport (ADR/RID) : No Sea transport (IMDG) : No Air transport (ICAO-TI / IATA-DGR) : No 14.6 Special precautions for user None	Trade name :	Lithofin	CEMENT-AWAY		
 14.3 Transport hazard class(es) Land transport (ADR/RID) Class(es):			Versio	n (Revision) :	4.0.2 (4.0.1)
Land transport (ADR/RID) Class(es): 8 Classification code : C9 Hazard identification number (Kemler No.): 80 Tunnel restriction code : E Special provisions : LQ 11 · E 2 Hazard label(s) : 8 Sea transport (IMDG) Class(es) : 8 EmS-No. : F-A / S-B Special provisions : LQ 11 · E 2 · IMDG-Code segregation group 1 - Acids Hazard label(s) : 8 Air transport (ICAO-TI / IATA-DGR) Class(es) : 8 Special provisions : E2 Hazard label(s) : 8 14.4 Packing group II 14.5 Environmental hazards Land transport (IAD/RID) : No Sea transport (IADAR/RID) : No Sea transport (IADAR/RID) : No Air transport (ICAO-TI / IATA-DGR) : No Air transport (ICAO-TI / IATA-DGR) : No Air transport (ICAO-TI / IATA-DGR) : No	CORROSIVE LIQUID, N	I.O.S. (HYDROCH	LORIC ACID · FORMIC ACID)		
Class(es): 8 Classification code : C9 Hazard identification number (Kemler No.): 80 No.): B0 Tunnel restriction code : E Special provisions : LQ 11 · E 2 Hazard label(s) : 8 Sea transport (IMDG) Class(es) : Class(es) : FA / S-B Special provisions : LQ 11 · E 2 · IMDG-Code segregation group 1 - Acids Hazard label(s) : 8 Air transport (ICAO-TI / IATA-DGR) Class(es) : Class(es) : 8 Special provisions : E2 Hazard label(s) : 8 Air transport (ICAO-TI / IATA-DGR) E2 Hazard label(s) : 8 TI Tatage segregation group 1 - Acids II Tatage segregation group 1 - Acids Land transport (ADR/RID) : No Sea transport (ICAO-TI / IATA-DGR): Sea transport (ICAO-TI / IATA-DGR) : No Air transport (ICAO-TI / IATA-DGR) : No Air transport (ADR/RID) : No Hazard label(s): No Air transport (ICAO-TI / IATA-DGR) : No Air transport (ICAO-TI / IATA-DGR) :	14.3 Transport hazard	class(es)			
Class(es): 8 Classification code : C9 Hazard identification number (Kemler No.): 80 Tunnel restriction code : E Special provisions : LQ 11 · E 2 Hazard label(s) : 8 Sea transport (IMDG) Class(es) : Class(es) : F-A / S-B Special provisions : LQ 11 · E 2 · IMDG-Code segregation group 1 - Acids Hazard label(s) : 8 Special provisions : LQ 11 · E 2 · IMDG-Code segregation group 1 - Acids Hazard label(s) : 8 Air transport (ICAO-TI / IATA-DGR) F2 Hazard label(s) : 8 Air transport (ICAO-TI / IATA-DGR) F2 Hazard label(s) : 8 14.4 Packing group II II 14.5 Environmental hazards Land transport (ADR/RID) : No Sea transport (ICAO-TI / IATA-DGR) : No Sea transport (ICAO-TI / IATA-DGR) : No None					
Classification code : C9 Hazard identification number (Kemler No.): 80 Tunnel restriction code : E Special provisions : LQ 11' E 2 Hazard label(s): 8 Sea transport (IMDG) Class(es): 8 EmS-No.: F-A / S-B Special provisions : LQ 11' E 2 · IMDG-Code segregation group 1 - Acids Hazard label(s): 8 Air transport (ICAO-TI / IATA-DGR) Class(es): 8 Special provisions : E2 Hazard label(s): 8 14.4 Packing group II 14.5 Environmental hazards Land transport (ADR/RID): No Sea transport (ICAO-TI / IATA-DGR): No		-	8		
No.): 80 Tunnel restriction code : E Special provisions : LQ 1 · E 2 Hazard label(s) : 8 Sea transport (IMDG) F-A / S-B Special provisions : LQ 1 · E 2 · IMDG-Code segregation group 1 - Acids Hazard label(s) : 8 Air transport (ICAO-TI / IATA-DGR) Class(es) : Class(es) : 8 Air transport (ICAO-TI / IATA-DGR) E 2 Hazard label(s) : 8 Itazard label(s) : 8 Itazard label(s) : 8 Itazard label(s) : 8 Special provisions : 12 - 2 Hazard label(s) : 8 Itazard label(s) : 8 Itad transport (ADR/RID) : No			C9		
Tunel restriction code :ESpecial provisions :LQ 11' E 2Hazard label(s) :8Sea transport (IMDG)7Class(es) :8EmS-No. :F-A / S-BSpecial provisions :LQ 11' E 2' IMDG-Code segregation group 1 - AcidsHazard label(s) :8Air transport (ICAO-TI / IATA-DGR)Class(es) :8Special provisions :E 2Hazard label(s) :814.4Packing groupII14.5Environmental hazardsLand transport (IADR/RID) :NoAir transport (ICAO-TI / IATA-DGR) :II14.5Environmental hazardsLand transport (IADR/RID) :NoAir transport (ICAO-TI / IATA-DGR) :None		n number (Kemle			
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None					
	• •				
			Annow IT of Manual and the	TDC Code	

SECTION 15: Regulatory information

$^{\rm 15.1}$ Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

REGULATION (EC) No 1272/2008 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 on use

Use restriction according to REACH annex XVII, no. : None, if handled according to order.

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)

Regulation (EC) No. 648/2004 (Detergents regulation)

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]

REGULATION (EU) No 98/2013 on the marketing and use of explosives precursors: Not applicable.

Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer

Not applicable. Contains the following s Regulation (EC) No 85 Not applicable.	02.2019 substances that deplete the ozone 50/2004 [POP-Regulation]	layer: -	
Contains the following s Regulation (EC) No 85 Not applicable.		layer: -	
Regulation (EC) No 85 Not applicable.		layer: -	
Not applicable.	00/2004 [POP-Regulation]		
••			
	organic pollutant (POP): -		
National regulations	5		
Observe in addition any na	ational regulations!		
Germany:			
TRGS 400 (Risk assessme TRGS 500 (Protective mea	nt for activities involving hazardous	s substances)	
`	ardous substances in non-stationa	rv containers)	
	ction and information for workers)		
Water hazard class (We	GK)		
Class : 1 (Slightly hazard	ous to water) Classification accor	rding to AwSV	
	rictions and prohibition regula	tions	
Switzerland			
VOCV-Regulation			
	t (Switzerland) : < 3 Wt % a	according to VUCV	
15.2 Chemical safety asse			
For this substance/mixture 15.3 Additional information	a chemical safety assessment has	not been carried out.	

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 Abstract 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

Safety Data She	et ion (EC) No. 1907/2006 ((REACH)	(EN / I
Trade name :	Lithofin CEMENT		
Revision date : Print date :	30.01.2019 01.02.2019	Version (Revision) :	4.0.2 (4.0.1
ICAO-TI	International Civil Aviation Org	anization-Technical Instructions	
IMDG-Code	International Maritime Danger	ous Goods Code	
ISO	International Organization for S	Standardization	
LC50 / CL50	Lethal Concentration 50%		
LD50 / DL50	Lethal Dose 50%		
log P O/W	Partition coefficient n-octanol/	water	
MARPOL	International Convention for th	e Prevention of Pollution from Ships (marine	e pollution)
NOAEL (DSET)	No observed adverse effect lev	rel	
NOEC (CSEO)	No observed effect concentrati	on	
Nr.	Number		
OECD	Organisation for Economic Co-	operation and Development	
PBT	persistent, bioaccumulative and	d toxic	
рH	Potentia hydrogenii		
PIC	prior informed consent		
PNEC	Predicted No-Effect Concentrat	ion	
POP	Persistent organic pollutants		
P-Sätze	precautionary statements		
REACH	Registration, Evaluation, Autho	risation and Restriction of Chemicals	
RID	International Carriage of Dang	erous Goods by Rail	
STEL / LECT	short-term exposure limit		
TRGS	Technische Regeln für Gefahrs	toffe (Technical Rules for Hazardous Substa	nces)
TWA / MPT	time-weighted average		
UN/ONU	United Nations		
VOC/COV/VOS/LZO	Volatile Organic Compound		
VOCV		x on Volatile Organic Compounds (SR 814.01	18)
vPvB	very persistent and very bioacc	cumulative	
WGK	Wassergefährdungsklasse (Wa	ter 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 (GHS)

ECHA: Registered substances (https://echa.europa.eu/information-on-chemicals/registered-substances) REACH Art. 59: -Candidate List of substances of very high concern for Authorisation (https://www.echa.europa.eu/candidate-list-table)

^{16.4} 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)

- H226 Flammable liquid and vapour.
- H290 May be corrosive to metals.
- H314 Causes severe skin burns and eye damage.
- H318 Causes serious eye damage.
- H335 May cause respiratory irritation.

16.6 Training advice

None

16.7 Additional information

None

(EN / D) according to Regulation (EC) No. 1907/2006 (REACH) Trade name : Lithofin CEMENT-AWAS Merision date : 30.01.2019 Version (Revision) : 4.0.2 (4.0.1) Print date : 01.02.2019 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.