OIKOS

OIKOS S.P.A. A SOCIO UNICO

STUCCO ROMANO

Revision nr.11 Dated 14/12/2022 Printed on 14/12/2022 Page n. 1 / 13 Replaced revision:10 (Dated 09/07/2020)

Safety Data Sheet

According to Annex II to REACH - Regulation 2020/878 and to Annex II to UK REACH

SECTION 1. Identification of the substance/mixture and of the company/undertaking 1.1. Product identifier STUCCO ROMANO Product name UFL T220-303S-C00R-JNJ2 1.2. Relevant identified uses of the substance or mixture and uses advised against Decorative wall coating based on lime plaster.Professional and Commercial Use. Intended use Uses advised against Uses other than those indicated 1.3. Details of the supplier of the safety data sheet Name **OIKOS S.P.A. A SOCIO UNICO** Full address Via Cherubini 2 (FC) District and Country 47043 **Gatteo Mare** Italia Tel. 0547 681412 0547 681430 Fax e-mail address of the competent person certificazioniprodotti@oikos-group.it responsible for the Safety Data Sheet 1.4. Emergency telephone number For urgent inquiries refer to **NHS National Health Service 111** OIKOS S.P.A. a socio unico Company emergency number: 0547 681412 Technical support - Monday to Friday from 8.00-13.00; 13:30 to 16:30 **SECTION 2. Hazards identification** 2.1. Classification of the substance or mixture The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:H318Causes serious eye damage.Serious eye damage, category 1H318Causes serious eye damage.Skin irritation, category 2H315Causes skin irritation.

2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



Signal words:

Danger

Hazard statements: H318 H315

Causes serious eye damage. Causes skin irritation.



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SECTION 2. Hazards identification .../>>

EUH208	Contains: Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one[EC no. 247-500-7] and							
	Moving	2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)						
	way pro	uuce an allery	IC reaction					
Precautionary	statements:							
P101	If medic	al advice is ne	eded, have	e product container or label at hand.				
P102	Κеер οι	Keep out of reach of children.						
P280	Wear pr	Wear protective gloves/ protective clothing / eye protection / face protection.						
P302+P352	IF ON S	IF ON SKIN: wash with plenty of water /						
P305+P351	11+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.							
D310	Continue rinsing.							
P501	IIIIIIIedialeiy call a PUISUN UENTEK / doctor / Dispose of contents / container in accordance with level regulation							
F 301	Dispose							
Contains:	Calcium	ı dihvdroxide						
	Culoran							
VOC (Directive	2004/42/EC)							
	2004/42/EO).							
VOC given in c	litre of product in a	ready-to-use c	ondition ·	5.00				
l imit value:			onanion .	200 00				
				200,00				
2.3 Other hazar	le							
2.5. Other fidzart	15							
On the basis o	f available data, the	product does n	ot contain	any PBT or vPvB in percentage ≥ than 0,1%.				
The product do	es not contain subst	ances with end	docrine dis	rupting properties in concentration $\geq 0.1\%$.				
		The product does not contain substances with endocrine disrupting properties in concentration $\geq 0.1\%$.						
SECTION 3. Com	position/informatio	on on ingredie	nts					
SECTION 3. Com 3.2. Mixtures	position/informatio	on on ingredie	nts					
SECTION 3. Com 3.2. Mixtures	position/informatio	on on ingredie	nts					
SECTION 3. Com 3.2. Mixtures Contains:	position/informatic	on on ingredie	nts					
SECTION 3. Com 3.2. Mixtures Contains: Identification	position/informatio x = Conc	on on ingredie	nts Classific	cation (EC) 1272/2008 (CLP)				
SECTION 3. Com 3.2. Mixtures Contains: Identification	position/informatic x = Conc	on on ingredie . %	nts Classific	cation (EC) 1272/2008 (CLP)				
SECTION 3. Com 3.2. Mixtures Contains: Identification Calcium dihyo	position/informatic x = Conc Iroxide	n on ingredie	nts Classific	cation (EC) 1272/2008 (CLP)				
SECTION 3. Com 3.2. Mixtures Contains: Identification Calcium dihyo INDEX	x = Conc roxide 215-137-3	on on ingredie 5. % 10 ≤ x < 15	nts Classific	cation (EC) 1272/2008 (CLP) Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335				
SECTION 3. Com 3.2. Mixtures Contains: Identification Calcium dihyo INDEX EC CAS	x = Conc roxide 1305-62-0	on on ingredie 5. % 10 ≤ x < 15	nts Classific	cation (EC) 1272/2008 (CLP) Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335				
SECTION 3. Com 3.2. Mixtures Contains: Identification Calcium dihyo INDEX EC CAS REACH Reg	x = Conc roxide 215-137-3 1305-62-0 01-2119475151-45	on on ingredie ∴% 10 ≤ x < 15	nts Classific	cation (EC) 1272/2008 (CLP) Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335				
SECTION 3. Com 3.2. Mixtures Contains: Identification Calcium dihyo INDEX EC CAS REACH Reg. Ethane-1.2-did	x = Conc roxide 215-137-3 1305-62-0 01-2119475151-45	on on ingredie 5. % 10 ≤ x < 15	nts Classific	cation (EC) 1272/2008 (CLP) Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335				
SECTION 3. Com 3.2. Mixtures Contains: Identification Calcium dihyo INDEX EC CAS REACH Reg. Ethane-1,2-dio INDEX	x = Conc roxide 215-137-3 1305-62-0 01-2119475151-45 01 603-027-00-1	on on ingredie 5.% 10 ≤ x < 15 0.085 ≤ x < 0	Classific	cation (EC) 1272/2008 (CLP) Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335 Acute Tox. 4 H302, STOT RE 2 H373				
SECTION 3. Com 3.2. Mixtures Contains: Identification Calcium dihyo INDEX EC CAS REACH Reg. Ethane-1,2-dio INDEX FC	x = Conc x = Conc lroxide 215-137-3 1305-62-0 01-2119475151-45 01 603-027-00-1 203-473-3	on on ingredie 5. % 10 ≤ x < 15 5 0,085 ≤ x < 0	Classific	cation (EC) 1272/2008 (CLP) Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335 Acute Tox. 4 H302, STOT RE 2 H373 STA Oral: 500 mg/kg				
SECTION 3. Com 3.2. Mixtures Contains: Identification Calcium dihyo INDEX EC CAS REACH Reg. Ethane-1,2-dio INDEX EC CAS	x = Conc roxide 215-137-3 1305-62-0 01-2119475151-45 01 603-027-00-1 203-473-3 107-21-1	on on ingredie 5. % 10 ≤ x < 15 5 0,085 ≤ x < 0	Classific	cation (EC) 1272/2008 (CLP) Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335 Acute Tox. 4 H302, STOT RE 2 H373 STA Oral: 500 mg/kg				
SECTION 3. Com 3.2. Mixtures Contains: Identification Calcium dihyo INDEX EC CAS REACH Reg. Ethane-1,2-dio INDEX EC CAS REACH Reg.	x = Conc x = Conc 100xide 215-137-3 1305-62-0 01-2119475151-45 01 603-027-00-1 203-473-3 107-21-1 01-2119456816-28	on on ingredie 5. % 10 ≤ x < 15 0,085 ≤ x < 0	Classific	cation (EC) 1272/2008 (CLP) Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335 Acute Tox. 4 H302, STOT RE 2 H373 STA Oral: 500 mg/kg				
SECTION 3. Com 3.2. Mixtures Contains: Identification Calcium dihyo INDEX EC CAS REACH Reg. Ethane-1,2-dio INDEX EC CAS REACH Reg. REACH Reg. Reaction mas	x = Conc x = Conc 100xide 215-137-3 1305-62-0 01-2119475151-45 01 203-473-3 107-21-1 01-2119456816-28 s of 5-chloro-2-met	on on ingredie 5. % 10 ≤ x < 15 0,085 ≤ x < 0 hyl-2H-isothia	Classific 0,09 zol-3-one	cation (EC) 1272/2008 (CLP) Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335 Acute Tox. 4 H302, STOT RE 2 H373 STA Oral: 500 mg/kg [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6]				
SECTION 3. Com 3.2. Mixtures Contains: Identification Calcium dihyo INDEX EC CAS REACH Reg. Ethane-1,2-dio INDEX EC CAS REACH Reg. Reaction mas (3:1)	x = Conc roxide 215-137-3 1305-62-0 01-2119475151-45 01 603-027-00-1 203-473-3 107-21-1 01-2119456816-28 s of 5-chloro-2-met	on on ingredie 5. % 10 ≤ x < 15 0,085 ≤ x < 0 hyl-2H-isothia	Classific 0,09 zol-3-one	cation (EC) 1272/2008 (CLP) Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335 Acute Tox. 4 H302, STOT RE 2 H373 STA Oral: 500 mg/kg [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6]				
SECTION 3. Com 3.2. Mixtures Contains: Identification Calcium dihyo INDEX EC CAS REACH Reg. Ethane-1,2-dio INDEX EC CAS REACH Reg. REACH Reg. Reaction mas (3:1) INDEX	x = Conc x = Conc x = Conc 1000	on on ingredie . % 10 ≤ x < 15 0,085 ≤ x < 0 hyl-2H-isothia 0,00025 ≤ x <	Classifi 0,09 Izol-3-one < 0,0012	cation (EC) 1272/2008 (CLP) Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335 Acute Tox. 4 H302, STOT RE 2 H373 STA Oral: 500 mg/kg [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] Acute Tox. 1 H330, Acute Tox. 2 H310, Acute Tox. 3 H301, Skin Corr. 1B H314, Eye Dam. 1 H318, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=100, Acute Chronic 1 H410 M=100				
SECTION 3. Com 3.2. Mixtures Contains: Identification Calcium dihyo INDEX EC CAS REACH Reg. Ethane-1,2-dio INDEX EC CAS REACH Reg. Reaction mas (3:1) INDEX EC	x = Conc Iroxide 215-137-3 1305-62-0 01-2119475151-45 01 603-027-00-1 203-473-3 107-21-1 01-2119456816-28 s of 5-chloro-2-met 613-167-00-5 611-341-5	on on ingredie . % 10 ≤ x < 15 0,085 ≤ x < 0 hyl-2H-isothia 0,00025 ≤ x <	nts Classific 0,09 1 zol-3-one < 0,0012	Cation (EC) 1272/2008 (CLP) Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335 Acute Tox. 4 H302, STOT RE 2 H373 STA Oral: 500 mg/kg [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] Acute Tox. 1 H330, Acute Tox. 2 H310, Acute Tox. 3 H301, Skin Corr. 1B H314, Eye Dam. 1 H318, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=100 Skin Corr. 1C H314: ≥ 0,6%, Skin Irrit. 2 H315: ≥ 0,06%, Skin Sens. 1 H317: ≥				
SECTION 3. Com 3.2. Mixtures Contains: Identification Calcium dihyo INDEX EC CAS REACH Reg. Ethane-1,2-dio INDEX EC CAS REACH Reg. Reaction mas (3:1) INDEX EC CAS	x = Conc Iroxide 215-137-3 1305-62-0 01-2119475151-45 01-2119475151-45 01-21194756816-28 s of 5-chloro-2-met 613-167-00-5 611-341-5 55965-84-9	on on ingredie % 10 ≤ x < 15 0,085 ≤ x < 0 hyl-2H-isothia 0,00025 ≤ x <	nts Classific 0,09 1 zol-3-one < 0,0012	cation (EC) 1272/2008 (CLP) Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335 Acute Tox. 4 H302, STOT RE 2 H373 STA Oral: 500 mg/kg [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] Acute Tox. 1 H330, Acute Tox. 2 H310, Acute Tox. 3 H301, Skin Corr. 1B H314, Eye Dam. 1 H318, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=100 Skin Corr. 1C H314: ≥ 0,6%, Skin Irrit. 2 H315: ≥ 0,06%, Skin Sens. 1 H317: ≥ 0,0015%, Eye Irrit. 2 H319: ≥ 0,6% LD50 Oral: >64 mg/kg bw, STA Dermal: 50,001 mg/kg, STA Inhalation vapours: 0,05 mg/l				
SECTION 3. Com 3.2. Mixtures Contains: Identification Calcium dihyo INDEX EC CAS REACH Reg. Ethane-1,2-dio INDEX EC CAS REACH Reg. Reaction mas (3:1) INDEX EC CAS REACH Reg.	x = Conc iroxide 215-137-3 1305-62-0 01-2119475151-45 01-2119475151-45 01-2119456816-28 s of 5-chloro-2-met 613-167-00-5 611-341-5 55965-84-9 01-2120764691-48	on on ingredie $10 \le x < 15$ $0,085 \le x < 0$ hyl-2H-isothia $0,00025 \le x < 10$	nts Classific 0,09 220I-3-one < 0,0012	cation (EC) 1272/2008 (CLP) Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335 Acute Tox. 4 H302, STOT RE 2 H373 STA Oral: 500 mg/kg [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] Acute Tox. 1 H330, Acute Tox. 2 H310, Acute Tox. 3 H301, Skin Corr. 1B H314, Eye Dam. 1 H318, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=100 Skin Corr. 1C H314: ≥ 0,6%, Skin Irrit. 2 H315: ≥ 0,06%, Skin Sens. 1 H317: ≥ 0,0015%, Eye Irrit. 2 H319: ≥ 0,6% LD50 Oral: >64 mg/kg bw, STA Dermal: 50,001 mg/kg, STA Inhalation vapours: 0,05 mg/l				

SECTION 4. First aid measures

4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.



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SECTION 4. First aid measures ... / >>

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Wash contaminated clothing before using it again. INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately. INGESTION: Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.

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

Specific information on symptoms and effects caused by the product are unknown.

4.3. Indication of any immediate medical attention and special treatment needed

Information not available

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.

5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point

13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering



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SECTION 7. Handling and storage ... / >>

places in which people eat.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory References:

DEU	Deutschland	Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte. MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Mitteilung 56
ESP	España	Límites de exposición profesional para agentes químicos en España 2021
FRA	France	Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
POL	Polska	Rozporządzenie ministra rozwoju, pracy i technologii z dnia 18 lutego 2021 r. Zmieniające rozporządzenie w sprawie najwyższych dopuszczalnych stężeń i natężeń czynników szkodliwych dla zdrowia w środowisku pracy
GBR	United Kingdom	EH40/2005 Workplace exposure limits (Fourth Edition 2020)
EU	OEL EU	Directive (EU) 2022/431; Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983; Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 98/24/EC; Directive 91/322/EEC.
	TLV-ACGIH	ACGIH 2021

	Ethane-1,2-diol									
Th	Threshold Limit Value									
	Туре	Country	TWA/8h		STEL/15	min	Remarks / C	Observations		
			mg/m3	ppm	mg/m3	ppm				
	AGW	DEU	26	10	52	20	SKIN			
	MAK	DEU	26	10	52	20	SKIN			
	VLA	ESP	52	20	104	40	SKIN			
	VLEP	FRA	52	20	104	40	SKIN			
	VLEP	ITA	52	20	104	40	SKIN			
	NDS/NDSCh	POL	15		50		SKIN			
	WEL	GBR	52	20	104	40	SKIN			
	OEL	EU	52	20	104	40	SKIN			
	TLV-ACGIH			25		50				
	TLV-ACGIH				10		INHAL			
Pr	edicted no-effe	ct concentra	ation - PNE	C						
	Normal value in	fresh water						10	mg/l	
Normal value in marine water								1	mg/l	
Normal value for fresh water sediment								37	mg/kg/d	
Normal value for marine water sediment								3,7	mg/kg/d	
Normal value for water, intermittent release								10	mg/l	
Normal value of STP microorganisms								199,5	mg/l	
	Normal value fo	or the terrestr	rial comparti	nent				1,53	mg/kg/d	
He	Health - Derived no-effect level - DNEL / DMEL									
Effects on consumers							Effects on wo	rkers		
	Route of exposu	ure Acu	te Ac	ute	Chronic	Chronic	Acute	Acute	Chronic	Chronic
		loca	l sys	stemic	local	systemic	local	systemic	local	systemic
	Inhalation				7				35	
					mg/m3				mg/m3	
	Skin					53			106	106
						mg/kg bw/d				mg/kg
										bw/d



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SECTION 8. Exposure controls/personal protection/>>

				Calcium	dihydroxide				
Threshold Limit \	/alue				-				
Туре	Country	TWA/8h		STEL/15	ōmin	Remarks / Ob	servations		
		mg/m3	ppm	mg/m3	ppm				
MAK	DEU	1		2		INHAL			
VLA	ESP	1		4					
VLEP	FRA	1		4					
VLEP	ITA	1		4		RESP			
NDS/NDSCh	POL	2		6		INHAL			
NDS/NDSCh	POL	1		4		RESP			
WEL	GBR	5				INHAL			
WEL	GBR	1		4		RESP			
OEL	EU	1		4		RESP			
TLV-ACGIH		5							
Predicted no-effe	ct concentr	ation - PNE	C						
Normal value ir	n fresh water						0,49	mg/l	
Normal value ir	n marine wat	er					0,32	mg/l	
Normal value for	or water, inte	rmittent rele	ase				0,49	mg/l	
Normal value o	f STP microo	organisms					3	mg/l	
Normal value for	or the terrest	rial compartr	ment				1080	ma/ka	
lealth - Derived I	10-effect lev	el - DNEL /	DMEL					0 0	
	Effe	ects on consi	Imers			Effects on work	ers		
Route of expos	ure Acu	ite Ac	ute	Chronic	Chronic	Acute	Acute	Chronic	Chronic
	loca	al svs	temic	local	systemic	local	systemic	local	systemic
Inhalation	4			1	-,	4	-,	1	-,
	ma	/m3		ma/m3		ma/m3		ma/m3	
Reaction mass of	f 5-chloro-2-	-methyl-2H-	sothiazol-	3-one[EC no. 2	47-500-7] and	2-methyl-2H-isot	thiazol-3-on	e [EC no.	
220-239 Predicted no-effe	-6] (3:1) ct concentr	ation - PNF	c.						
Normal value in	fresh water		•				3 39	ua/l	
Normal value in	marine wat	er					3,39	ug/l	
Normal value fo	r sediment					27	ua/ka		
Normal value for marine water sediment			•				27	ug/kg	
Normal value of STD microorganisms			•				230	µg/lg	
			DMEI				230	μg/i	
icaldi - Deriveu i	Fffe	ets on consu	Imers			Effects on work	are		
Pouto of oxpos				Chronic	Chronic		Acuto	Chronic	Chronic
Noule of expos			tomio	local	ovetomic		Acute	local	ovetomic
Oral	1002	ai Sys		local	systemic	local	systemic	local	systemic
Urai		110	J Uran have / al		90 				
la la clatta a	40	µg/	kg bw/a	20	µg/kg bW/d	40	NDI	20	
innalation	40	NP 0	I	20	INPI	40	NPI	20	INPI
	μg/ι	m3		µg/m3		µg/m3		µg/m3	
Skin		NP	1	NPI	NPI		NPI	NPI	NPI

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = lowhazard ; MED = medium hazard ; HIGH = high hazard.

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

SKIN PROTECTION

Wear category II professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).



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SECTION 8. Exposure controls/personal protection ... / >>

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties		Value
Appearance		pasty liquid
Colour		White and the colour chart shades
Odour		Hydraulic binder
Melting point / freezing point		not available
Initial boiling point	>	100 °C
Flammability		not flammable
Lower explosive limit		not applicable
Upper explosive limit		not applicable
Flash point	>	60 °C
Auto-ignition temperature		not applicable
Decomposition temperature		not available
рН		12-13
Kinematic viscosity		not available
Dynamic viscosity		80000 cps
Solubility		Mixable in water
Partition coefficient: n-octanol/water		not available
Vapour pressure		not available
Density and/or relative density		1,6
Relative vapour density		not available
Particle characteristics		not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

VOC (Directive 2004/42/EC) : VOC (volatile carbon) Explosive properties Oxidising properties 0,39 % - 6,31 0,08 % - 1,28 not applicable not applicable g/litre g/litre

SECTION 10. Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

Ethane-1,2-diol

In the air absorbs moisture.Decomposes at temperatures above 200°C/392°F.

10.2. Chemical stability

Information

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SECTION 10. Stability and reactivity .../>>

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

Ethane-1,2-diol

Risk of explosion on contact with: perchloric acid.May react dangerously with: chlorosulphuric acid,sodium hydroxide,sulphuric acid,phosphorus pentasulphide,chromium (III) oxide,chromyl chloride,potassium perchlorate,potassium dichromate,sodium peroxide,aluminium.Forms explosive mixtures with: air.

10.4. Conditions to avoid

None in particular. However the usual precautions used for chemical products should be respected.

Ethane-1,2-diol

Avoid exposure to: sources of heat, naked flames.

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

Ethane-1,2-diol

May develop: hydroxyacetaldehyde,glyoxal,acetaldehyde,methane,carbon monoxide,hydrogen.

SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

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

Metabolism, toxicokinetics, mechanism of action and other information

Calcium dihydroxide ABSORPTION The primary effect of calcium diidide on health is local irritation caused by pH variation. Therefore, absorption is not a relevant parameter for the assessment of the effects of the substance.

Information on likely routes of exposure

Ethane-1,2-diol WORKERS: inhalation; contact with the skin. POPULATION: inhalation of ambient air; contact with the skin of products containing the substance.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Ethane-1,2-diol

Ingestion initially stimulates the central nervous system; later replaced by a phase of depression. There may be kidney damage, with anuria and uremia. Over-exposure symptoms are: vomiting, drowsiness, difficulty in breathing, convulsions. The lethal dose for humans is approx. 1.4 ml/kg.

Interactive effects

Information not available

ACUTE TOXICITY

ATE (Inhalation) of the mixture: ATE (Oral) of the mixture: ATE (Dermal) of the mixture:

> Ethane-1,2-diol LD50 (Dermal): LD50 (Oral): LC50 (Inhalation vapours):

Not classified (no significant component) Not classified (no significant component) Not classified (no significant component)

3500 mg/kg Rat > 7712 mg/kg Rat 2,5 mg/l/4h



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Calcium dihydroxide LD50 (Dermal): LD50 (Oral):

> 2500 mg/kg Rabbit (OCSE 402) > 2000 mg/kg Rat (OECD 425)

50,001 mg/kg estimate from table 3.1.2 of Annex I of the CLP (figure used for calculation of the acute toxicity estimate of the mixture)

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one[EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) LD50 (Dermal): 1008 mg/kg bw (rat)

> 64 mg/kg bw 64-561 (rat)

> 171 mg/m3 171-2360 (rat)

STA (Dermal):

LD50 (Oral): LC50 (Inhalation vapours):

SKIN CORROSION / IRRITATION

Causes skin irritation

Calcium dihydroxide Causes skin irritation

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye damage

Calcium dihydroxide Causes severe eye injury

RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction.

Contains: Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one[EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

Calcium dihydroxide Does not meet the classification criteria for this danger class

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

Calcium dihydroxide

Reverse Bacterial Mutation Essay (Ames Test, OECD 471): Negative

Testing chromosomal aberrations on mammal cells: negative

Given that calcium is an omnipresene and essential element and that any variation of the lime-induced pH in watery means has no relevance, calcium dihydroxide is ovially devoidant of any genotoxic potential. Classification by function of genotoxicity is not justified.

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

Ethane-1,2-diol

Available studies have shown no carcinogenic potential. In a carcinogenicity study lasting two years, carried out by the US National Toxicology Program (NTP), in which ethylene glycol was administered in the feed, "no evidence of carcinogenic activity" in male and female B6C3F1 mice was observed (NTP, 1993).

Calcium dihydroxide

Calcium (administered in the form of lactate) is not carcinogenic (experimental result, rat). The effect on pH on the product of calcium diid dioxide is free of any carcinogenic potential. classification on the basis of carcinogenicity is not justified.

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

Calcium dihydroxide

Calcium (administered in the form of Ca carbonate) is not toxic for reproduction (experimental result, mouse). The effect on pH does not give rise to any reproductive risk. Human epidemiological data confirm that calcium diid dioxide is free of any potential toxicity. In both animal and clinical trials on different calcium salts, no effect has been identified on reproductive and developmental toxicity. v. also the Scientific Committee of Human Food (Anonymous, 2006). Therefore, calcium diidide is not toxic for reproduction and/or development.



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SECTION 11. Toxicological information .../>>

Classification on the basis of reproductive toxicity according to Regulation 1272/2008 is not necessary.

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

Calcium dihydroxide It can irritate the airways

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

Calcium dihydroxide

The toxicity of calcium through the oral exposure pathway is demonstrated by the increase in maximum tolerable intake levels (UL) for adults determined by the Scientific Committee of Human Food (SCF), where UL-2500 mg/die, equal to 38 mg/kg of weight/die, equal to 38 mg/kg of weight/die (individual weighing 70 kg) for calcium.

The toxicity of Ca(OH)2 through contact with the skin is not considered relevant by virtue of the expected insignificant absorption through the skin and the fact that local irritation is the primary effect for health (pH variation).

The toxicity of Ca(OH)2 by inhalation (local effect, mucous irritation), taking into account an average time weighed for an 8-hour shift, was determined by the Scientific Committee for Occupational Exposure Limits (SCOEL) in 1 mg/m3 of breathable dust. Therefore, the classification of Ca(OH)2 on the basis of toxicity as a result of prolonged exposure is not necessarily

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

Calcium dihydroxide Does not meet the classification criteria for this danger class

Calcium diidhydroxide is classified as irritating to the skin and airways, and carries the risk of serious eye injury. The limit of occupational exposure for the prevention of sensory irritation at the local level and the reduction of lung function parameters as effects is OEL (8 hours) - 1 mg/m3 of breathable dust.

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity

Calcium dihydroxide LC50 (96h) on sea fish: 457 mg/l LC50 (96h) on sea invertebrates: 158 mg/l NOEC (72 hours) on freshwater algae: 48 mg/l TOXICITY ON MICROORGANISMS, ES BACTERIA At high concentration, through temperature and pH rise, calcium diidhydxide is used for disinfection of sewer sludge. NOEC (14 days) for sea invertebrates: 32 mg/l EC10/LC10 or NOEC on soil macro-organisms: 2000 mg/kg soil dw EC10/LC10 or NOEC on soil microorganisms: 12000 mg/kg soil dw NOEC (21 days) on terrestrial plants: 1080 mg/kg GENERAL EFFECT Acute effect of pH. Although this substance is useful for correcting water acidity, excess over 1 g/l can be harmful to aquatic organisms. A value of pH> 12 will decrease rapidly and as a result of dilution and carbonation.



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72,86 mg/l/96h
100 mg/l/48h
32000 mg/l 7 davs
1000 mg/l 23 days
100 mg/l 72 h
50,6 mg/l/96h freshwater fish
49,1 mg/l/48h invertebrate
184,57 mg/l/72h alga
-one[EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)
> 190 µg/l 190-330
> 7 μg/l 7-160
> 6,3 μg/l 6,3-27,3
46,4 μg/l 35 days
> 111 µg/l 11.1-1050
1000 - 10000 mg/l
-one[EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)
-1.36
1,00

12.4. Mobility in soil

Calcium dihydroxide Calcium diidhydroxide is a moderately soluble substance and therefore has poor mobility in most soils.

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.

12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

12.7. Other adverse effects

Information not available

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.



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SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1. UN number or ID number

not applicable

14.2. UN proper shipping name

not applicable

14.3. Transport hazard class(es)

not applicable

14.4. Packing group

not applicable

14.5. Environmental hazards

not applicable

14.6. Special precautions for user

not applicable

14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

SECTION 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Seveso Category - Directive 2012/18/EU:

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

None

 Product
 3 - 40

 Point
 3 - 40

 Contained substance
 75

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors not applicable

Substances in Candidate List (Art. 59 REACH) On the basis of available data, the product does not contain any SVHC in percentage \geq than 0,1%.

Substances subject to authorisation (Annex XIV REACH)
None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012: None

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention: None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.



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SECTION 15. Regulatory information ... / >>

VOC (Directive 2004/42/EC) : Decorative effect coatings.

German regulation on the classification of substances hazardous to water (AwSV, vom 18. April 2017) WGK 1: Low hazard to waters

15.2. Chemical safety assessment

A chemical safety assessment has been performed for the following contained substances Calcium dihydroxide

SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Acute Tox. 1	Acute toxicity, category 1
Acute Tox. 2	Acute toxicity, category 2
Acute Tox. 3	Acute toxicity, category 3
Acute Tox. 4	Acute toxicity, category 4
STOT RE 2	Specific target organ toxicity - repeated exposure, category 2
Skin Corr. 1B	Skin corrosion, category 1B
Eye Dam. 1	Serious eye damage, category 1
Skin Irrit. 2	Skin irritation, category 2
STOT SE 3	Specific target organ toxicity - single exposure, category 3
Skin Sens. 1	Skin sensitization, category 1
Aquatic Acute 1	Hazardous to the aquatic environment, acute toxicity, category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic toxicity, category 1
H330	Fatal if inhaled.
H310	Fatal in contact with skin.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H373	May cause damage to organs through prolonged or repeated exposure
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H315	Causes skin irritation.
H335	May cause respiratory irritation.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds



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SECTION 16. Other information ... / >>

- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
 - WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

- 1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
- 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
- 3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
- 4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
- 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
- 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
- 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
- 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
- 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament 10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
- 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
- 12. Regulation (EU) 2016/1179 (IX Atp. CLP)
- 13. Regulation (EU) 2017/776 (X Atp. CLP)
- 14. Regulation (EU) 2018/669 (XI Atp. CLP)
- 15. Regulation (EU) 2019/521 (XII Atp. CLP)
- 16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
- 17. Regulation (EU) 2019/1148
- 18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
- 19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
- 20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
- 21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
- 22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)

- The Merck Index. - 10th Edition

- Handling Chemical Safety
- INRS Fiche Toxicologique (toxicological sheet)
- Patty Industrial Hygiene and Toxicology
- N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website

- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses. Provide appointed staff with adequate training on how to use chemical products.

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

Changes to previous review: The following sections were modified:

01 / 02 / 03 / 08 / 09 / 11 / 12 / 15 / 16.