STONETECH® Revitalizer® Cleaner & Protector (Citrus-Concentrate) by LATICRETE International

Health Product Declaration v2.2

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 22501

CLASSIFICATION: 09 01 30 Maintenance of Tiling

PRODUCT DESCRIPTION: STONETECH® Revitalizer® Cleaner & Protector (Citrus-Concentrate) is an easy-to-use, water-based, gentle revitalizing cleaner for every day use on stone countertops and everywhere else. Ideal for natural stone such as granite, marble, limestone, travertine, slate, sandstone, ceramic and porcelain tile and more.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- C Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

- C 1,000 ppm
- C Per GHS SDS
- Other

Residuals/Impurities

- Considered
- Partially Considered
- O Not Considered

Explanation(s) provided for Residuals/Impurities?

Yes ○ No

All Substances Above the Threshold Indicated Are:

Characterized

○ Yes Ex/SC ⊙ Yes ○ No

% weight and role provided for all substances.

Screened

○ Yes Ex/SC ⊙ Yes ○ No

All substances screened using Priority Hazard Lists with results disclosed.

Identified

O Yes Ex/SC O Yes ⊙ No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

STONETECH® REVITALIZER® CLEANER & PROTECTOR (CITRUS-CONCENTRATE) [WATER BM-4 DIPROPYLENE GLYCOL N-BUTYL ETHER (DPNB) LT-UNK ISOPROPYL ALCOHOL BM-2 | EYE | PHY UNDISCLOSED NoGS UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | MUL UNDISCLOSED LT-P1 | MUL | RES UNDISCLOSED LT-P1 | AQU | SKI | MUL | PBT UNDISCLOSED LT-UNK | SKI UNDISCLOSED LT-P1 | AQU | SKI | EYE | MUL UNDISCLOSED BM-2 | MUL | SKI | END | AQU | MAM | EYE UNDISCLOSED LT-1 | CAN UNDISCLOSED BM-2 | CAN | END | DEV | PHY | REP UNDISCLOSED LT-P1 | MUL UNDISCLOSED LT-P1 | RES | MUL]

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This HPD was Created with Basic Inventory. Materials listed as Undisclosed in Section 2 is done to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards of these components.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 19 Regulatory (g/l): 660 Does the product contain exempt VOCs: No Are ultra-low VOC tints available: N/A

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional

listinas.

VOC emissions: N/A

VOC content: TDS 251 "Low VOC LATICRETE Products"

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

Yes No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2020-10-14 PUBLISHED DATE: 2020-10-14

EXPIRY DATE: 2023-10-14

Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- · Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

STONETECH® REVITALIZER® CLEANER & PROTECTOR (CITRUS-CONCENTRATE)

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are measured by quantitative methods and are only displayed when they are potentially greater than 100 ppm.

OTHER PRODUCT NOTES: See SDS at www.laticrete.com for occupational exposure information.

WATER ID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-10-14 %: 90.0000 - 97.0000 GS: BM-4 RC: None NANO: No SUBSTANCE ROLE: Diluent HAZARD TYPE AGENCY AND LIST TITLES WARNINGS None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture.

DIPROPYLENE GLYCOL N-BUTYL ETHER (DPNB)

ID: 29911-28-2

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE:		2020-10-14
%: 1.0000 - 2.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Solvent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found			No warnings fo	ound on HPD Priority Hazard Lists

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture.

ISOPROPYL ALCOHOL ID: 67-63-0

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCI	REENING DATE:	2020-10-14	
%: 1.0000 - 2.0000	GS: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Solvent	
HAZARD TYPE	AGENCY AND LIST TITLES	WARN			
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation			
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour			

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture.

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE:		2020-10-14
%: 0.5000 - 1.0000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Coating
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found			No warnings fo	ound on HPD Priority Hazard Lists

UNDISCLOSED

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SC	REENING DATE	2020-10-14
%: 0.1000 - 0.5000	GS: LT-UNK	RC: None NANO: No		SUBSTANCE ROLE: Detergent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found			No warnings f	ound on HPD Priority Hazard Lists

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

UNDISCLOSED

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2020-10-14			
%: 0.0500 - 0.1000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Odor agent	
HAZARD TYPE	AGENCY AND LIST TITLES	WAI	RNINGS		
MULTIPLE	German FEA - Substances Hazardous t Waters	to Class 2 - Hazard to Waters			

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

UNDISCLOSED

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2020-10-14			
%: 0.0500 - 0.1000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Detergent	
HAZARD TYPE	AGENCY AND LIST TITLES	WAR	NINGS		
MULTIPLE	German FEA - Substances Hazardous Waters	to Class	Class 2 - Hazard to Waters		
RESPIRATORY	AOEC - Asthmagens	Asth	magen (Rs) - ser	nsitizer-induced	

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SC	REENING DATE:	2020-10-14
%: 0.0100 - 0.0500	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Degreaser

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Substance of Possible Concern

UNDISCLOSED

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2020-10-14			
%: 0.0100 - 0.0200	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Odor agent	
HAZARD TYPE	AGENCY AND LIST TITLES	WAR			
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation			
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction			

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

UNDISCLOSED

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2020-10-14				
%: 0.0050 - 0.0200	GS: LT-P1	RC: N	lone	NANO: No	SUBSTANCE ROLE: Biocide	
HAZARD TYPE	AGENCY AND LIST TITLES		WARNI	NGS		
ACUTE AQUATIC	EU - GHS (H-Statements)		H400 -	Very toxic to aq	uatic life	
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation				
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction				
EYE IRRITATION	EU - GHS (H-Statements)	H318 - Causes serious eye damage				
MULTIPLE	German FEA - Substances Hazardous t Waters	to	Class 2	! - Hazard to Wa	ters	
SKIN SENSITIZE	MAK		Sensitiz	zing Substance	Sh - Danger of skin sensitization	

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZ	ARD SCF	REENING DATE:	2020-10-14
%: 0.0050 - 0.0200	GS: BM-2	RC:	None	NANO: No	SUBSTANCE ROLE: Biocide
HAZARD TYPE	AGENCY AND LIST TITLES		WARN	INGS	
MULTIPLE	German FEA - Substances Hazardous t Waters	0	Class 3	3 - Severe Hazar	d to Waters
SKIN SENSITIZE	MAK		Sensiti	zing Substance	Sh - Danger of skin sensitization
ENDOCRINE	TEDX - Potential Endocrine Disruptors		Potent	ial Endocrine Dis	sruptor
ACUTE AQUATIC	EU - GHS (H-Statements)		H400 -	Very toxic to aq	uatic life
CHRON AQUATIC	EU - GHS (H-Statements)		H410 -	Very toxic to aq	uatic life with long lasting effects
MAMMALIAN	EU - GHS (H-Statements)		H301 -	Toxic if swallow	red
MAMMALIAN	EU - GHS (H-Statements)		H311 -	Toxic in contact	t with skin
SKIN IRRITATION	EU - GHS (H-Statements)		H314 -	Causes severe	skin burns and eye damage
SKIN SENSITIZE	EU - GHS (H-Statements)		H317 -	May cause an a	llergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)		H318 -	Causes serious	eye damage
MAMMALIAN	EU - GHS (H-Statements)		H330 -	Fatal if inhaled	

UNDISCLOSED

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SC	REENING DATE:	2020-10-14		
%: 0.0050 - 0.0200	GS: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Solvent		
HAZARD TYPE	AGENCY AND LIST TITLES	WARN	WARNINGS			
CANCER	IARC	Group 2b - Possibly carcinogenic to humans				
CANCER	CA EPA - Prop 65	Carcinogen				

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	ITY HAZARD SCREENING DATE:		2020-10-14
%: 0.0020 - 0.0100	GS: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Solvent

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 5 - Genotoxic carcinogen with very slight risk under MAK/BAT levels
DEVELOPMENTAL	CA EPA - Prop 65	Developmental - specific to chemical form or exposure route
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1A [H360]

UNDISCLOSED

HAZARD SCREENING METHOD:	AZARD SCREENING METHOD: Pharos Chemical and Materials Library		REENING DATE:	2020-10-14	
%: 0.0010 - 0.0100	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Solvent	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
MULTIPLE	MULTIPLE German FEA - Substances Hazardous t Waters		co Class 3 - Severe Hazard to Waters		

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

UNDISCLOSED

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZA	HAZARD SCREENING DATE:		2020-10-14	
%: 0.0010 - 0.0100	GS: LT-P1	RC: N	one	NANO: No	SUBSTANCE ROLE: Solvent	
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS			
RESPIRATORY	AOEC - Asthmagens		Asthmagen (Rs) - sensitizer-induced			
MULTIPLE	TIPLE German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters			

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.



Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

N/A

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VOC EMISSIONS

ISSUE DATE: 2020-10- EXPIRY DATE:

CERTIFIER OR LAB: LATICRETE

APPLICABLE FACILITIES: Applies to All Facilities.

CERTIFYING PARTY: Self-declared

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: STONETECH® Revitalizer® Cleaner & Protector (Citrus-Concentrate) has not been tested for VOC emissions.

VOC CONTENT

TDS 251 "Low VOC LATICRETE Products"

CERTIFYING PARTY: Self-declared CERTIFIER OR LAB: LATICRETE ISSUE DATE: 2020-10- EXPIRY DATE:

APPLICABLE FACILITIES: Applies to All Facilities.

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: There are no guidelines for maximum VOC content for cleaners in LEED v4.1. Please take note of the VOC content as stated in Section 1: VOLATILE ORGANIC COMPOUND (VOC) CONTENT. The Consumer Product VOC is 1.9%.



Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available,

WATER HPD URL: No HPD Available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

STONETECH® Revitalizer® Cleaner & Protector (Citrus-Concentrate) to be mixed with water following mix ratio and directions as stated in product data sheet.



Section 5: General Notes

STONETECH® Revitalizer Cleaner & Protector (Citrus-Concentrate) meets the Living Building Challenge v4.0 requirement that the product does not contain any of the Red Listed Materials or Chemicals. Specifically, STONETECH Revitalizer Cleaner & Protector (Citrus-Concentrate) does not contain the following: Antimicrobials (marketed with a health claim) •Alkylphenols and related compounds •Asbestos •Bisphenol A (BPA) and structural analogues •California Banned Solvents •Chlorinated Polymers, including Chlorinated polyethylene (CPE), Chlorinated Polyvinyl Chloride (CPVC), Chloroprene (neoprene monomer), Chlorosulfonated polyethylene (CSPE), Polyvinylidiene chloride (PVDC), and Polyvinyl Chloride (PVC) •Chlorobenzenes •Chlorofluorocarbons (CFCs) & Hydrochlorofluorocarbons (HCFCs) •Formaldehyde (added) • Monomeric, polymeric and organophosphate halogenated flame retardants (HFRs) •Organotin Compounds •Perfluorinated Compounds (PFCs) •Phthalates (orthophthalates) •Polychlorinated Biphenyls (PCBs) •Polycyclic Aromatic Hydrocarbons (PAH) •Short-Chain and Medium-Chain Chlorinated Paraffins •Toxic Heavy Metals - Arsenic, Cadmium, Chromium, Lead (added), and Mercury •Wood treatments containing Creosote, Arsenic or Pentachlorophenol. See Section 1 for Volatile Organic Compounds (VOC) (wet applied products) information. Consumer product VOC is 1.9%.

MANUFACTURER INFORMATION

MANUFACTURER: LATICRETE International

ADDRESS: 1 Laticrete Park North

Bethany CT 06524, USA

WEBSITE: www.laticrete.com

CONTACT NAME: Mitch Hawkins

TITLE: Senior Manager, Technical Services

PHONE: 203-393-4619

EMAIL: wmhawkins@laticrete.com

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

LAN Land toxicity

MAM Mammalian/systemic/organ toxicity

MUL Multiple

NEU Neurotoxicity

NF Not found on Priority Hazard Lists

OZO Ozone depletion

PBT Persistent, bioaccumulative, and toxic

PHY Physical hazard (flammable or reactive)

REP Reproductive

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

UNK Unknown

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

BM-3 Benchmark 3 (use but still opportunity for improvement)

BM-2 Benchmark 2 (use but search for safer substitutes)

BM-1 Benchmark 1 (avoid - chemical of high concern)

BM-U Benchmark Unspecified (due to insufficient data)

LT-P1 List Translator Possible 1 (Possible Benchmark-1)

LT-1 List Translator 1 (Likely Benchmark-1)

LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping

to a LT-1 or LTP1 score.)

NoGS No GreenScreen.

Recycled Types

PreC Pre-consumer recycled content

PostC Post-consumer recycled content

UNK Inclusion of recycled content is unknown

None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material Nested Method / Product Threshold Substances listed within each material per threshold indicated per product Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology

Third Party Verified Verification by independent certifier approved by HPDC

Preparer Third party preparer, if not self-prepared by manufacturer

Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.