

HPD UNIQUE IDENTIFIER: 28130
 CLASSIFICATION: 03 70 00 Mass Concrete
 PRODUCT DESCRIPTION: EUCON STASIS is a dual purpose liquid chemical admixture formulated to retard concrete for extended periods of time and can be used to stabilize the wash out water in the drum of a ready mix truck and a central batch mixer at the plant. EUCON STASIS will virtually stop the hydration of cement during hot weather or extended pumping operations and can be used as a water reducing set retarding admixture. When used in combination with other water reducing and or water reducing set retardation admixtures can control 8 - 10” slump and retain them for 2 hours or more. EUCON STASIS prevents normal hydration of the portland cement for up to 96 hours depending upon the dosage rate used. EUCON STASIS contains no added chlorides or chemicals known to promote the corrosion of steel.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format ☐ Nested Materials Method ☒ Basic Method	Threshold Level ☐ 100 ppm ☒ 1,000 ppm ☐ Per GHS SDS ☐ Other	Residuals/Impurities ☒ Considered ☐ Partially Considered ☐ Not Considered Explanation(s) provided for Residuals/Impurities? ☒ Yes ☐ No	<i>All Substances Above the Threshold Indicated Are:</i> Characterized ☐ Yes Ex/SC ☒ Yes ☐ No <i>% weight and role provided for all substances.</i> Screened ☐ Yes Ex/SC ☒ Yes ☐ No <i>All substances screened using Priority Hazard Lists with results disclosed.</i> Identified ☐ Yes Ex/SC ☒ Yes ☐ No <i>All substances disclosed by Name (Specific or Generic) and Identifier.</i>
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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
 EUCON STASIS [WATER BM-4
 (NITRILOTRIS(METHYLENE))TRISPHOSPHONIC ACID, SODIUM SALT
 LT-UNK SODIUM HYDROXIDE LT-P1 | PHY | SKI SODIUM
 GLUCONATE LT-UNK SODIUM CHLORIDE LT-UNK 1,4-DIOXANE LT-1 |
 CAN | MUL | END | EYE | PHY]

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 Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.2 using HPDC Builder. The HPD discloses hazards associated with all substances present at or above 1000 parts per million (ppm) in the product, along with the role and weight percent. Therefore, this HPD qualifies for the LEED v4 MR credit Building Product Disclosure and Optimization: Material Ingredient Reporting (Option 1).

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.
 VOC emissions: VOC Emissions
 VOC content: VOC Content

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: 2022-04-08 PUBLISHED DATE: 2022-04-08 EXPIRY DATE: 2025-04-08
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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

EUCON STASIS

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals or impurities above disclosure threshold that are known, or expected to be present, have been disclosed based on information provided to us by our suppliers.

OTHER PRODUCT NOTES: Component substances are listed in percent by weight ranges to protect proprietary formulation information.

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2022-04-08 6:37:10

?: 75.0000 - 95.0000

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: Component substances are listed in percent by weight ranges to protect proprietary formulation information.

(NITRILOTRIS(METHYLENE))TRISPHOSPHONIC ACID, SODIUM SALT

ID: 20592-85-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2022-04-08 6:37:55

?: 5.0000 - 20.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Processing regulator

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Component substances are listed in percent by weight ranges to protect proprietary formulation information.

SODIUM HYDROXIDE

ID: 1310-73-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2022-04-08 6:38:36

?: 1.0000 - 10.0000

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Buffer

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

PHY

GHS - Korea

H290 - May be corrosive to metals [Corrosive to metals - Category 1]

SKI

EU - GHS (H-Statements) Annex 6 Table 3-1

H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]

SUBSTANCE NOTES: Component substances are listed in percent by weight ranges to protect proprietary formulation information.

SODIUM GLUCONATE			ID: 527-07-1		
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2022-04-08 6:41:07		
%: 1.0000 - 10.0000		GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Processing regulator
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Component substances are listed in percent by weight ranges to protect proprietary formulation information.					

SODIUM CHLORIDE					ID: 7647-14-5
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2022-04-08 6:42:41		
%: Impurity/Residual		GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Component substances are listed in percent by weight ranges to protect proprietary formulation information.					

1,4-DIOXANE			ID: 123-91-1		
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2022-04-08 6:44:56		
%: Impurity/Residual		GS: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
CAN	US CDC - Occupational Carcinogens		Occupational Carcinogen		
MUL	US EPA - PPT Chemical Action Plans		TSCA Work Plan chemical - ongoing chemical (risk) assessment		
CAN	CA EPA - Prop 65		Carcinogen		
CAN	MAK		Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels		
CAN	IARC		Group 2b - Possibly carcinogenic to humans		
CAN	US NIH - Report on Carcinogens		Reasonably Anticipated to be Human Carcinogen		
CAN	EU - SVHC Authorisation List		Carcinogenic - Candidate list		
MUL	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters		
END	EU - SVHC Authorisation List		Equivalent Concern - Candidate List		
CAN	US EPA - IRIS Carcinogens		(1999, 2005) Likely to be Carcinogenic to humans		
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1		H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]		
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1		H351 - Suspected of causing cancer [Carcinogenicity - Category 2]		
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1		H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]		
CAN	GHS - New Zealand		Carcinogenicity category 1		

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.

VOC EMISSIONS	VOC Emissions		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2022-04-	EXPIRY DATE:	CERTIFIER OR LAB: NA
APPLICABLE FACILITIES: All Euclid facilities	08		
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: This product has not been tested for VOC emissions. The calculated regulatory VOC is 18 g/L.			

VOC CONTENT	VOC Content		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2022-04-	EXPIRY DATE:	CERTIFIER OR LAB: NA
APPLICABLE FACILITIES: All Euclid facilities	08		
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: This product has not been tested for VOC content. The calculated regulatory VOC is 18 g/L.			

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.

No accessories are required for this product.

Section 5: General Notes

MANUFACTURER INFORMATION

MANUFACTURER: The Euclid Chemical Company
ADDRESS: 19215 Redwood Road
 Cleveland OH 44110, United States
WEBSITE: www.euclidchemical.com

CONTACT NAME: Glenn Strasshofer
TITLE: Director of EHS
PHONE: 216-531-9222
EMAIL: gstrasshofer@euclidchemical.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	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	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.)
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)	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.