



A CSW Industrials Company

SAFETY DATA SHEET

DRAIN GUARD™

Fungus & bacteria protection for your HVAC systems

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name

Drain Guard

Product Codes

85001, 85002

Chemical Family

Organic/Inorganic

Use

Drain cleaner

Manufactured for

RectorSeal, LLC
2601 Spenwick Drive
Houston, TX 77055 USA

Manufactured by

Drain Guard Inc.
2110 58th Ave E
Bradenton, FL 34203 USA

HMIS Codes

Health 3
Flammability 0
Reactivity 0
PPI B

Emergency Telephone No.

Chemtrec 24 Hours
(800) 424-9300 USA
+1-703-527-3887 International

Date of validation

November 11, 2021

Technical Service Telephone No.

(800) 231-3345 or (713) 263-8001

Date of Preparation

November 11, 2021

SECTION 2 - HAZARDS IDENTIFICATION

GHS Classification

- Skin sensitization, category 1
- Specific target organ toxicity - repeated exposure, category 1
- Germ cell mutagenicity, category 2
- Acute toxicity (oral), category 4

SECTION 2 - HAZARDS IDENTIFICATION**GHS Label elements, including precautionary statements**

GHS07: Exclamation Mark

GHS08: Health Hazard

Signal Word: Danger

Hazard Statements:

H317 May cause an allergic skin reaction.

H302 Harmful if swallowed.

H372 Causes damage to organs through prolonged or repeated exposure.

H302+H312 Harmful if swallowed or in contact with skin.

H341 Suspected of causing genetic defects.

Precautionary Statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P272 Contaminated work clothing must not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P333+P313 If skin irritation or a rash occurs: Get medical advice/attention

P363 Wash contaminated clothing before reuse

P321 Specific treatment (see supplemental first aid instructions on this label)

P308+P313 If exposed or concerned: Get medical advice/attention

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330 Rinse mouth

P405 Store locked up.

P501 Dispose of contents and container in accordance with local and national regulations.

Hazards not otherwise classified: None

Summary of Acute Hazards

Causes serious eye damage. Symptoms include redness, tearing, burning, inflammation and corneal damage. May cause an allergic skin reaction, characterized by rash, itching, inflammation and redness. Causes skin irritation.

Delayed Symptoms and Effects

Suspected of causing genetic defects and causes damage to organs through prolonged or repeated exposure.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient: Proprietary ingredient 1
Percentage By Weight: 2-5
CAS Number: NA
EINEC: NA

Ingredient: Proprietary ingredient 2
Percentage By Weight: < 1
CAS Number: NA
EINEC: NA

Additional information:

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR §1910.1200).

SECTION 4 - FIRST AID MEASURES**General Notes:**

Not determined or not applicable.

- IF INHALED:** Loosen clothing as necessary and position individual in a comfortable position. Maintain an unobstructed airway. Get medical advice/attention if you feel unwell.
- IF ON SKIN:** Rinse affected area with soap and water. Take off all contaminated clothing. Gently blot or brush away excess product. Wash with plenty of lukewarm, gently flowing water. Get medical advice if skin irritation occurs or you feel unwell.
- IF IN EYES:** Avoid direct contact and wear chemical protective gloves, if necessary. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do so. Continue rinsing until medical aid is available. Immediately call a POISON CONTROL CENTER or seek medical attention.
- IF SWALLOWED:** Rinse mouth thoroughly. If symptoms develop or persist, seek medical attention. Immediately call a POISON CONTROL CENTER or seek medical attention. Do not induce vomiting and rinse mouth. If vomiting occurs naturally, lie on your side, in the recovery position. If breathing has stopped, trained personnel should begin rescue breathing. Avoid mouth-to-mouth contact by using a barrier device. If the heart has stopped, immediately start cardiopulmonary resuscitation (CPR). Get medical advice if you feel unwell or concerned.

Immediate medical attention and special treatment:

Specific treatment:

Not determined or not applicable.

Notes for the doctor:

Not determined or not applicable.

SECTION 5 - FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition

Unsuitable extinguishing media:

Not determined or not applicable.

Specific hazards during fire-fighting

Thermal decomposition can lead to release of irritating gases and vapors

Special protective equipment for firefighters

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit

Special precautions

Carbon monoxide and carbon dioxide may form upon combustion. Heating causes a rise in pressure, risk of bursting and combustion.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Ensure air handling systems are operational. Wear protective eye wear, gloves and clothing.

Specific hazards during fire-fighting

No special precautions are necessary.

Methods and material for containment and cleaning up

Wear protective eye wear, gloves and clothing. Sweep or scoop up solid material while minimizing dust generation. Dispose of contents / container in accordance with local regulations.

Reference to other sections

Sections 8 and 13

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling

Use only with adequate ventilation. Avoid breathing dust. Do not eat, drink, smoke or use personal products when handling chemical substances.

Conditions for safe storage, including any incompatibilities

Keep container tightly sealed. Keep container dry. Store in a cool, well-ventilated area.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Only those substances with limit values have been included below.

Occupational Exposure limit values

Country (Legal Basis)	Substance	Identifier	Permissible concentration
ACGIH	Proprietary ingredient 1	N/A	ACGIH TLV 0.01 mg/m ³ , as Ag
	Proprietary ingredient 2	N/A	8-hour TWA: 0.1 mg/m ³ (inhalable fraction and vapor)
United States (OSHA)	Proprietary ingredient 1	N/A	OSHA PEL 0.01 mg/m ³ , as Ag
NIOSH	Proprietary ingredient 1	N/A	NIOSH IDLH 10 mg/m ³ , as Ag
	Proprietary ingredient 1	N/A	10-hour REL: 0.01 mg/m ³ (silver, metal dust and soluble compounds)
WEEL	Proprietary ingredient 2	N/A	8-hour TWA: 0.1 mg/m ³ (0.042 ppm) (inhalable fraction and vapor)

Biological limit values

No biological exposure limits noted for the ingredient(s).

Information on monitoring procedures

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls. Biological monitoring may also be appropriate for some substances.

Appropriate engineering controls

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

PERSONAL PROTECTION EQUIPMENT

Eye and face protection

Safety goggles or glasses, or appropriate eye protection.

Skin and body protection

Select glove material impermeable and resistant to the substance. Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

GENERAL HYGIENIC MEASURES

Eye and face protection

Avoid contact with skin, eyes and clothing. Wash hands before breaks and at the end of work. Wash contaminated clothing before reuse.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

APPEARANCE	Powder
ODOR	Mild
ODOR THRESHOLD	Not determined or not available.
PH	6.9 - 7.1
MELTING POINT/FREEZING POINT	Not determined or not available.
INITIAL BOILING POINT/RANGE	Not determined or not available.
FLASH POINT (CLOSED CUP)	Not determined or not available.
EVAPORATION RATE	Not determined or not available.
FLAMMABILITY (SOLID, GAS)	Not determined or not available.
UPPER FLAMMABILITY/EXPLOSIVE LIMIT	Not determined or not available.
LOWER FLAMMABILITY/EXPLOSIVE LIMIT	Not determined or not available.
VAPOR PRESSURE	Not determined or not available.
VAPOR DENSITY	Not determined or not available.
DENSITY	Not determined or not available.
RELATIVE DENSITY	Not determined or not available.
SOLUBILITIES	Completely soluble.
PARTITION COEFFICIENT (N-OCTANOL/WATER)	Not determined or not available.
AUTO/SELF-IGNITION TEMPERATURE	Not determined or not available.
DECOMPOSITION TEMPERATURE	Not determined or not available.
DYNAMIC VISCOSITY	Not determined or not available.
KINEMATIC VISCOSITY	Not determined or not available.
EXPLOSIVE PROPERTIES	Not determined or not available.
OXIDIZING PROPERTIES	Not determined or not available.

SECTION 10 - STABILITY AND REACTIVITY

Reactivity:

Does not react under normal conditions of use and storage.

Chemical stability:

Stable under normal conditions of use and storage.

Possibility of hazardous reactions:

None under normal conditions of use and storage.

Conditions to avoid:

None known.

Incompatible materials:

None known.

Hazardous decomposition products:

None known.

SECTION 11 - TOXICOLOGY INFORMATION

Acute toxicity**Assessment:** Harmful if swallowed**Product data:** No data available.**Substance data:**

Name	Route	Result
Proprietary ingredient 2	inhalation	LC50 Rat: 2.41 mg/L (4 hr)
Proprietary ingredient 1	oral	LD50 Rat: > 5110 mg/kg bw

Skin corrosion/irritation**Assessment:** Based on available data, the classification criteria are not met.**Product data:** No data available.**Substance data:**

Name	Result
Proprietary ingredient 2	Causes skin irritation.
Proprietary ingredient 1	Causes severe skin burns and eye damage.

Serious eye damage/irritation**Assessment:** Based on available data, the classification criteria are not met.**Product data:** No data available.**Substance data:**

Name	Result
Proprietary ingredient 2	Causes serious eye irritation.

Respiratory or skin sensitization**Assessment:** May cause an allergic skin reaction**Product data:** No data available.**Substance data:**

Name	Result
Proprietary ingredient 2	May cause an allergic skin reaction

Carcinogenicity**Assessment:** May cause an allergic skin reaction**Product data:** No data available.**Substance data:** No data available.**International Agency for Research on Cancer (IARC):**

Name	Classification
Proprietary ingredient 1	Group 2A

National Toxicology Program (NTP): None of the ingredients are listed.**Germ cell mutagenicity****Assessment:** Suspected of causing genetic defects**Product data:** No data available.**Substance data:** No data available.

Name	Classification
Proprietary ingredient 2	Suspected of causing genetic defects.

Reproductive toxicity**Assessment:** Based on available data, the classification criteria are not met.**Product data:** No data available.**Substance data:** No data available.**Specific target organ toxicity (single exposure)****Assessment:** Based on available data, the classification criteria are not met.**Product data:** No data available.**Substance data:** No data available.**Specific target organ toxicity (repeated exposure)****Assessment:** Causes damage to organs through prolonged or repeated exposure.**Product data:** No data available.**Substance data:** No data available.**Aspiration toxicity****Assessment:** Based on available data, the classification criteria are not met.**Product data:** No data available.**Substance data:** No data available.**Information on likely routes of exposure**

No data available.

Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

Other information

No data available.

SECTION 12 - ECOLOGICAL INFORMATION

Acute (short-term) toxicity

Assessment: Toxic to aquatic life

Product data: No data available.

Substance data:

Name	Result
Proprietary ingredient 1	LC50 - Pimephales promelas - 0.0012 mg/L - 96 h

Chronic (long-term) toxicity

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

Product data: No data available.

Substance data:

Name	Result
Proprietary ingredient 1	NOEC - Isonychia bicolour - 0.00031 mg/L - 20 d

Persistence and degradability

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

Product data: No data available.

Substance data:

Name	Result
Proprietary ingredient 2	Readily biodegradable in water.

Bioaccumulative potential

Product data: No data available.

Substance data: No data available.

Mobility in soil

Product data: No data available.

Substance data:

Name	Result
Proprietary ingredient 2	Highly mobile (log Koc: 0.32)

Other adverse effects: No data available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal methods

Dispose in accordance with all applicable regulations. It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

SECTION 14 - TRANSPORTATION INFORMATION

United States Transportation of dangerous goods (49 CFR DOT)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

SECTION 15 - REGULATORY INFORMATION

United States regulations

Inventory listing (TSCA):

NA	Proprietary ingredient 2	Listed
NA	Proprietary ingredient 1	Listed

Significant New Use Rule (TSCA Section 5): None of the ingredients are listed.

Export notification under TSCA Section 12(b): None of the ingredients are listed.

SARA Section 302 extremely hazardous substances: None of the ingredients are listed.

SARA Section 313 toxic chemicals:

NA	Proprietary ingredient 2	Not Listed
NA	Proprietary ingredient 1	Listed

CERCLA:

NA	Proprietary ingredient 1	Listed	1
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RCRA: None of the ingredients are listed.

Section 112(r) of the Clean Air Act (CAA): None of the ingredients are listed.

Massachusetts Right to Know:

NA	Proprietary ingredient 2	Not Listed
NA	Proprietary ingredient 1	Listed

New Jersey Right to Know:

NA	Proprietary ingredient 2	Listed
NA	Proprietary ingredient 1	Listed

New York Right to Know:

NA	Proprietary ingredient 2	Not Listed
NA	Proprietary ingredient 1	Listed

Pennsylvania Right to Know:

NA	Proprietary ingredient 2	Not Listed
NA	Proprietary ingredient 1	Listed

California Proposition 65: None of the ingredients are listed.

SECTION 16 - OTHER INFORMATION

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, expressed or implied is made. Consult RectorSeal for further information: (713) 263-8001