

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 03.25.2019

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## Drain Guard Formula

### SECTION 1: Identification

#### Product identifier

**Product name:** Drain Guard Formula

**Additional information:** This is a consumer product as defined by the Consumer Product Safety Act (15 U.S.C. 2051 et seq.) and is exempt from the OSHA Hazard Communication Standard in accordance with 29 CFR 1910.1200(b)(6)(ix), including consumer products used in the workplace under typical duration and frequency of exposure as experienced by consumers when used for the intended purpose. This Safety Data Sheet (SDS) is provided as a courtesy to assist with proper use and safe handling. The labeling below applies to industrial/professional usage of the product.



#### Recommended use of the product and restriction on use

**Relevant identified uses:** Not determined or not applicable.

**Uses advised against:** Not determined or not applicable.

**Reasons why uses advised against:** Not determined or not applicable.

#### Manufacturer or supplier details

**Manufacturer:**

**United States**

Drain Guard Inc.

2110 58th Ave E

Bradenton, FL 34203

941-915-5654

todd.drainguardinc@gmail.com

drainguardHVAC.com

#### Emergency telephone number:

**United States**

Drain Guard Inc.

941-915-5654

8:00 AM - 5:00 PM Eastern US Time

### SECTION 2: Hazard(s) 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

#### Label elements

**Hazard pictograms:**



**Signal word:** Danger

**Hazard statements:**

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- 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

## SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: N/A	Proprietary ingredient 1	2-5
CAS number: N/A	Proprietary ingredient 2	<1

### 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

### Description of first aid measures

#### General notes:

Not determined or not applicable.

#### After inhalation:

- Loosen clothing as necessary and position individual in a comfortable position
- Maintain an unobstructed airway
- Get medical advice/attention if you feel unwell

#### After skin contact:

- 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

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Get medical advice if skin irritation occurs or you feel unwell

### After eye contact:

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

### After swallowing:

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

### Most important symptoms and effects, both acute and delayed

#### Acute symptoms and effects:

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

### Immediate medical attention and special treatment

#### Specific treatment:

Not determined or not applicable.

#### Notes for the doctor:

Not determined or not applicable.

## SECTION 5: Firefighting 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

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### Personal precautions, protective equipment and emergency procedures:

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

### Environmental precautions:

- 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 <sup>3</sup> , as Ag
	Proprietary ingredient 2	N/A	8-hour TWA: 0.1 mg/m <sup>3</sup> (inhalable fraction and vapor)
United States (OSHA)	Proprietary ingredient 1	N/A	OSHA PEL 0.01 mg/m <sup>3</sup> , as Ag
NIOSH	Proprietary ingredient 1	N/A	NIOSH IDLH 10 mg/m <sup>3</sup> , as Ag
	Proprietary ingredient 1	N/A	10-hour REL: 0.01 mg/m <sup>3</sup> (silver, metal dust and soluble compounds)
WEEL	Proprietary ingredient 2	N/A	8-hour TWA: 0.1 mg/m <sup>3</sup> (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

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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:

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.

### Other information

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### 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: Toxicological 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:**

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Name	Result
Proprietary ingredient 2	May cause an allergic skin reaction.

### Carcinogenicity

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

**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:**

Name	Result
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.

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### 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 bicolor - 0.00031 mg/L - 20 d

#### Persistence and degradability

**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: Transport 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

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### SECTION 15: Regulatory information

#### United States regulations

##### Inventory listing (TSCA):

N/A	Proprietary ingredient 2	Listed
N/A	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:

N/A	Proprietary ingredient 2	Not Listed
N/A	Proprietary ingredient 1	Listed

##### CERCLA:

N/A	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:

N/A	Proprietary ingredient 2	Not Listed
N/A	Proprietary ingredient 1	Listed

##### New Jersey Right to Know:

N/A	Proprietary ingredient 2	Listed
N/A	Proprietary ingredient 1	Listed

##### New York Right to Know:

N/A	Proprietary ingredient 2	Not Listed
N/A	Proprietary ingredient 1	Listed

##### Pennsylvania Right to Know:

N/A	Proprietary ingredient 2	Not Listed
N/A	Proprietary ingredient 1	Listed

California Proposition 65: None of the ingredients are listed.

### SECTION 16: Other information

Abbreviations and Acronyms: None

#### Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA: 3-0-0

HMIS: 3-0-0

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End of Safety Data Sheet