



# Safety Data Sheet A/C Drain Cleaner - Primer & Flush

Date: 04/08/2024

## Section 1. Identification

### 1.1. Product identifier

**Product Identity** Probiotic HVAC Drain Cleaner – Extreme  
**Alternate Names** Probiotic HVAC Drain Cleaner - Extreme

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use** See Label

### 1.3. Details of the supplier of the safety data sheet

**Company Name** Innovasource/Energizer Holdings Inc  
11515 Vanstory Drive  
Suite 110  
Huntersville, NC 28078

### Emergency

**Customer Service:** 704-584-0072

## Section 2. Hazard(s) identification

### 2.1. Classification of the substance or mixture

Skin Sens. 1A;H317 May cause an allergic skin reaction.

### 2.2. Label elements



### Warning

H317 May cause an allergic skin reaction.

#### [Prevention]

P261 Avoid breathing dust, fume, gas, mist, vapors, spray.

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

#### [Response]

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P333+313 If skin irritation or a rash occurs: Get medical advice or attention.

P362 Take off contaminated clothing and wash before reuse.

#### [Storage]

No GHS storage statements

#### [Disposal]

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



# Safety Data Sheet

## A/C Drain Cleaner - Primer & Flush

Date: 04/08/2024

### Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	Notes
Proprietary surfactant CAS Number: Proprietary	1 - 5	----
2-methyl-3-2H-isothiazolone CAS Number: 2682-20-4	0.01 - 0.10	----

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.  
\*PBT/vPvB - PBT-substance or vPvB-substance.

### Section 4. First aid measures

#### 4.1. Description of first aid measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
<b>Eyes</b>	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
<b>Ingestion</b>	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

<b>Overview</b>	No specific symptom data available. Treat symptomatically. Check section 2.2 (GHS Label Elements) for further details.
<b>Skin</b>	May cause an allergic skin reaction.

### Section 5. Fire-fighting measures

#### 5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO<sup>2</sup>, powder, water spray.  
Unsuitable extinguishing media: Do not use; water jet.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.  
Avoid breathing dust, fume, gas, mist, vapors, spray.

#### 5.3. Advice for fire-fighters



# Safety Data Sheet

## A/C Drain Cleaner - Primer & Flush

Date: 04/08/2024

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

ERG Guide No. ---

### Section 6. Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

#### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

#### 6.3. Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

### Section 7. Handling and storage

#### 7.1. Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

Check section 2.2 (GHS Label Elements) for further details. - [Prevention]

#### 7.2. Conditions for safe storage, including any incompatibilities

Incompatible materials: No data available.

Check section 2.2 (GHS Label Elements) for further details. - [Storage]

#### 7.3. Specific end use(s)

No data available.



**Section 8. Exposure controls / personal protection**

**8.1. Control parameters**

CAS No.	Ingredient	Exposure	
		Source	Value
2682-20-4	2-methyl-3-2H-isothiazolone	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
Proprietary	Proprietary surfactant	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

**8.2. Exposure controls**

- Respiratory**            If workers are exposed to concentrations above the exposure limit, they must use the appropriate, certified respirators.
- Eyes**                    Protective safety glasses recommended
- Skin**                     Wear PVC or rubber gloves to keep skin contact to a minimum. Refer to the manufacturer's recommendations regarding the suitability of any gloves used.
- Engineering Controls**    Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
- Other Work Practices**    Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Check section 2.2 (GHS Label Elements) for further details.

**Section 9. Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

<b>Appearance</b>	Color: Slightly hazy, Color: purple Physical State: Liquid
<b>Odor</b>	Characteristic
<b>Odor threshold</b>	Not determined
<b>pH</b>	7.3-8.3
<b>Melting point / freezing point</b>	Not Measured
<b>Initial boiling point and boiling range</b>	Not Measured
<b>Flash Point</b>	Not Measured
<b>Evaporation rate (Ether = 1)</b>	Not Measured
<b>Flammability (solid, gas)</b>	Not Applicable



# Safety Data Sheet

## AC Drain Cleaner - Primer & Flush

Date: 04/08/2024

**Upper/lower flammability or explosive limits**

**Lower Explosive Limit:** Not Measured

**Upper Explosive Limit:** Not Measured

**Vapor pressure (Pa)**

Not Measured

**Vapor Density**

Not Measured

**Relative Density**

Not Measured

**Solubility in Water**

Solubility in Water

**Partition coefficient n-octanol/water (Log Kow)**

Not Measured

**Auto-ignition temperature**

Not Measured

**Decomposition temperature**

Not Measured

**Viscosity (cSt)**

Not Measured

**VOC Content**

Not Measured

### 9.2. Other information

No other relevant information.

## Section 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

No data available.

### 10.5. Incompatible materials

No data available.

### 10.6. Hazardous decomposition products

No hazardous decomposition data available.



# Safety Data Sheet

## A/C Drain Cleaner - Primer & Flush

Date: 04/08/2024

### Section 11. Toxicological information

#### Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Proprietary surfactant - (Proprietary)	No data available.	No data available.	No data available.	No data available.	No data available.
2-methyl-3-2H-isothiazolone - (2682-20-4)	120.00, Rat - Category: 3	242.00, Rat - Category: 3	0.77, Rat - Category: 2	No data available.	No data available.

#### Carcinogen Data

CAS No.	Ingredient	Source	Value
2682-20-4	2-methyl-3-2H-isothiazolone	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
Proprietary	Proprietary surfactant	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	1A	May cause an allergic skin reaction.
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable



# Safety Data Sheet

## A/C Drain Cleaner - Primer & Flush

Date: 04/08/2024

### Section 12. Ecological information

**12.1. Toxicity**

No additional information provided for this product. See Section 3 for chemical specific data.

**Aquatic Ecotoxicity**

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
Proprietary surfactant - (Proprietary)	No data available.	No data available.	No data available.
2-methyl-3-2H-isothiazolone - (2682-20-4)	4.77, Oncorhynchus mykiss	0.93, Daphnia magna	0.07, Skeletonema costatum

**12.2. Persistence and degradability**

There is no data available on the preparation itself.

**12.3. Bioaccumulative potential**

Not Measured

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

This product contains no PBT/vPvB chemicals.

**12.6. Other adverse effects**

No data available.

### Section 13. Disposal considerations

**13.1. Waste treatment methods**

Waste should not be released to sewers. Observe all federal, state, and local regulations when disposing of this substance.

### Section 14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
<b>14.1. UN number</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.2. UN proper shipping name</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.3. Transport hazard class(es)</b>	<b>DOT Hazard Class:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>IMDG:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Air Class:</b> Not Applicable <b>Sub Class:</b> Not Applicable
<b>14.4. Packing group</b>	Not Applicable	Not Applicable	Not Applicable



# Safety Data Sheet

## A/C Drain Cleaner - Primer & Flush

Date: 04/08/2024

### 14.5. Environmental hazards

Marine Pollutant: No;

### 14.6. Special precautions for user

Not Applicable

## Section 15. Regulatory information

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

### Toxic Substance Control Act (TSCA)

CAS Number	Ingredient	Toxic Substance Control Act (TSCA)	Comments	Status
2682-20-4	2-methyl-3-2H-isothiazolone	Yes	PMN; SP	ACTIVE
Proprietary	Proprietary surfactant	Yes		

### EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 Label Warning:

This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

## Section 16. Other information

**Revision Date** 04/08/2024

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The information contained herein is furnished without warranty of any kind. The above information is believed to be correct but does not purport to be all inclusive and should be used only as a guide. Users should make independent





**Safety Data Sheet**  
**A/C Drain Cleaner - Primer & Flush**

**Date: 04/08/2024**

determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.

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