


## 1. Identification

|   |  |
|---|--|
| <b>Product identifier</b>                                     | <b>Drain Out Kitchen Drain Opener</b>  |
| <b>Other means of identification</b>                          | Not available.   |
| <b>Recommended use</b>  | Drain treatment  |
| <b>Recommended restrictions</b>                               | None known.  |
| <b>Manufacturer/Importer/Supplier/Distributor information</b> |  |
| <b>Manufacturer</b>   |  |
| <b>Company name</b>   | Iron Out dba Summit Brands   |
| <b>Address</b>  | 6714 Pointe Inverness Way, Suite 200<br>Fort Wayne, IN 46804-7935<br>United States |
| <b>Telephone</b>  | 260-483-2519   |
| <b>E-mail</b>   | Not available.   |
| <b>Emergency phone number</b>                                 | 1-800-424-9300 (CHEMTREC)  |
| <b>Supplier</b>   | See above.   |

## 2. Hazard identification

|  |  |            |
|--|--|------------|
| <b>Physical hazards</b>  | Not classified.  |            |
| <b>Health hazards</b>  | Serious eye damage/eye irritation  | Category 1 |
| <b>Environmental hazards</b>   | Not classified.  |            |
| <b>WHMIS 2015 defined hazards</b>                                      | Not classified   |            |
| <b>Label elements</b>  |   |            |
| <b>Signal word</b>   | Danger   |            |
| <b>Hazard statement</b>  | Causes serious eye damage.   |            |
| <b>Precautionary statement</b>   |  |            |
| <b>Prevention</b>  | Wear eye protection.   |            |
| <b>Response</b>  | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. |            |
| <b>Storage</b>   | Store away from incompatible materials.  |            |
| <b>Disposal</b>  | Dispose of container in accordance with local, regional, national and international regulations.   |            |
| <b>WHMIS 2015: Health Hazard(s) not otherwise classified (HHNOC)</b>   | None known   |            |
| <b>WHMIS 2015: Physical Hazard(s) not otherwise classified (PHNOC)</b> | None known   |            |
| <b>Hazard(s) not otherwise classified (HNOC)</b>                       | None known.  |            |
| <b>Supplemental information</b>  | None.  |            |

## 3. Composition/Information on ingredients

### Mixture

| Chemical name  | Common name and synonyms | CAS number | %     |
|--|--------------------------|------------|-------|
| Alcohols, C9-11, ethoxylated                           |                          | 68439-46-3 | 5-10* |
| Poly(oxy-1,2-ethanediyl), alpha-undecyl-omega-hydroxy- |                          | 34398-01-1 | 3-7*  |

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition comments**

US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

\*CANADA GHS: The exact percentage (concentration) of composition has been withheld as a trade secret.

---

**4. First-aid measures**

---

|   |   |
|---|---|
| <b>Inhalation</b>   | If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.  |
| <b>Skin contact</b>   | Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.   |
| <b>Eye contact</b>  | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.  |
| <b>Ingestion</b>  | Rinse mouth. Do not induce vomiting. Get medical attention if symptoms occur. Never give anything by mouth if victim is unconscious or is convulsing. Obtain medical attention.   |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.   |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Symptoms may be delayed.   |
| <b>General information</b>  | Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Wear rubber gloves and safety glasses with side shields. Keep out of reach of children. |

---

**5. Fire-fighting measures**

---

|  |   |
|--|---|
| <b>Suitable extinguishing media</b>                                  | Dry chemical. Carbon dioxide. Fog.  |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.                          |
| <b>Specific hazards arising from the chemical</b>                    | Firefighters should wear a self-contained breathing apparatus.                                  |
| <b>Special protective equipment and precautions for firefighters</b> | Firefighters should wear full protective clothing including self-contained breathing apparatus. |
| <b>Fire-fighting equipment/instructions</b>                          | Move containers from fire area if you can do so without risk.                                   |
| <b>Specific methods</b>  | Use standard firefighting procedures and consider the hazards of other involved materials.      |
| <b>General fire hazards</b>  | No unusual fire or explosion hazards noted.   |
| <b>Hazardous combustion products</b>                                 | May include and are not limited to: Oxides of carbon.   |

---

**6. Accidental release measures**

---

|  |   |
|--|---|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Keep out of low areas. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.   |
| <b>Methods and materials for containment and cleaning up</b>               | <p>Large Spills: Stop leak if you can do so without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use.</p> <p>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Prevent entry into waterways, sewers, basements or confined areas.</p> |
| <b>Environmental precautions</b>   | Avoid discharge into drains, water courses or onto the ground. Do not discharge into lakes, streams, ponds or public waters.  |

---

**7. Handling and storage**

---

|   |  |
|---|--|
| <b>Precautions for safe handling</b>                                | Avoid prolonged exposure. Avoid contact with eyes, skin and clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Wash thoroughly after handling. |
| <b>Conditions for safe storage, including any incompatibilities</b> | Store in a closed container away from incompatible materials. Store away from incompatible materials (see Section 10 of the SDS). Keep out of reach of children.   |

---

## 8. Exposure controls/Personal protection

---

|  |   |
|--|---|
| <b>Occupational exposure limits</b>  | No exposure limits noted for ingredient(s).   |
| <b>Biological limit values</b>   | No biological exposure limits noted for the ingredient(s).  |
| <b>Exposure guidelines</b>   | Chemicals listed in section 3 that are not listed here do not have established limit values for ACGIH or OSHA PEL.  |
| <b>Appropriate engineering controls</b>                                      | Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. |
| <b>Individual protection measures, such as personal protective equipment</b> |   |
| <b>Eye/face protection</b>   | Wear safety glasses with side shields.  |
| <b>Skin protection</b>   |   |
| <b>Hand protection</b>   | Impervious gloves. Confirm with reputable supplier first.   |
| <b>Other</b>   | Wear suitable protective clothing. As required by employer code.  |
| <b>Respiratory protection</b>  | Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Respirator should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134), CAN/CSA-Z94.4 and ANSI's standard for respiratory protection (Z88.2).  |
| <b>Thermal hazards</b>   | Not applicable.   |
| <b>General hygiene considerations</b>  | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Wash hands before breaks and immediately after handling the product.  |

---

## 9. Physical and chemical properties

---

|   |                 |
|---|-----------------|
| <b>Appearance</b>                                   | Clear           |
| <b>Physical state</b>                               | Liquid.         |
| <b>Form</b>   | Liquid.         |
| <b>Color</b>  | Yellow          |
| <b>Odor</b>   | Citrus          |
| <b>Odor threshold</b>                               | Not available.  |
| <b>pH</b>   | 6.5 - 7.5       |
| <b>Melting point/freezing point</b>                 | Not available.  |
| <b>Initial boiling point and boiling range</b>      | Not available.  |
| <b>Pour point</b>                                   | Not available.  |
| <b>Specific gravity</b>                             | Not available.  |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available.  |
| <b>Flash point</b>                                  | Not available.  |
| <b>Evaporation rate</b>                             | Not available.  |
| <b>Flammability (solid, gas)</b>                    | Not applicable. |
| <b>Upper/lower flammability or explosive limits</b> |                 |
| <b>Flammability limit - lower (%)</b>               | Not available.  |
| <b>Flammability limit - upper (%)</b>               | Not available.  |
| <b>Explosive limit - lower (%)</b>                  | Not available.  |
| <b>Explosive limit - upper (%)</b>                  | Not available.  |
| <b>Vapor pressure</b>                               | Not available.  |
| <b>Vapor density</b>                                | Not available.  |
| <b>Relative density</b>                             | 1               |
| <b>Solubility(ies)</b>                              | Not available.  |
| <b>Auto-ignition temperature</b>                    | Not available.  |
| <b>Decomposition temperature</b>                    | Not available.  |
| <b>Viscosity</b>                                    | Not available.  |

---

## 10. Stability and reactivity

---

|   |   |
|---|---|
| <b>Reactivity</b>                         | This product may react with strong oxidizing agents.  |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerization does not occur.              |
| <b>Chemical stability</b>                 | Stable under recommended storage conditions.          |
| <b>Conditions to avoid</b>                | Do not mix with other chemicals.                      |
| <b>Incompatible materials</b>             | Acids. Oxidizers.                                     |
| <b>Hazardous decomposition products</b>   | May include and are not limited to: Oxides of carbon. |

---

## 11. Toxicological information

---

|   |   |
|---|---|
| <b>Routes of exposure</b>   | Eye, Skin contact, Inhalation, Ingestion.   |
| <b>Information on likely routes of exposure</b>                                     |   |
| <b>Ingestion</b>  | May cause stomach distress, nausea or vomiting.   |
| <b>Inhalation</b>   | No adverse effects due to inhalation are expected.  |
| <b>Skin contact</b>   | May cause irritation.   |
| <b>Eye contact</b>  | Causes serious eye damage.  |
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b> | Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. |

### Information on toxicological effects

#### Acute toxicity

| <b>Components</b>   | <b>Species</b>  | <b>Test Results</b>                      |
|---|---|--|
| Alcohols, C9-11, ethoxylated (CAS 68439-46-3)                           |   |  |
| <b>Acute</b>  |   |  |
| <i>Dermal</i>   |   |  |
| LD50  | Rabbit  | 2000 mg/kg, 24 Hours, ECHA               |
| <i>Inhalation</i>   |   |  |
| LC50  | Rat   | > 1600 mg/m <sup>3</sup> , 4 Hours, ECHA |
| <i>Oral</i>   |   |  |
| LD50  | Rat   | 3488 mg/kg, ECHA                         |
| Poly(oxy-1,2-ethanediyl), alpha-undecyl-omega-hydroxy- (CAS 34398-01-1) |   |  |
| <b>Acute</b>  |   |  |
| <i>Dermal</i>   |   |  |
| LD50  | Not available   |  |
| <i>Inhalation</i>   |   |  |
| LC50  | Not available   |  |
| <i>Oral</i>   |   |  |
| LD50  | Not available   |  |
| <b>Skin corrosion/irritation</b>  | Prolonged skin contact may cause temporary irritation.    |  |
| <b>Exposure minutes</b>   | Not available.  |  |
| <b>Erythema value</b>   | Not available.  |  |
| <b>Oedema value</b>   | Not available.  |  |
| <b>Serious eye damage/eye irritation</b>                                | Causes serious eye damage.                                |  |
| <b>Corneal opacity value</b>  | Not available.  |  |
| <b>Iris lesion value</b>  | Not available.  |  |
| <b>Conjunctival reddening value</b>                                     | Not available.  |  |
| <b>Conjunctival oedema value</b>  | Not available.  |  |
| <b>Recover days</b>   | Not available.  |  |
| <b>Respiratory or skin sensitization</b>                                |   |  |
| <b>Respiratory sensitization</b>  | Not available.  |  |
| <b>Skin sensitization</b>   | This product is not expected to cause skin sensitization. |  |
| <b>Mutagenicity</b>   | Non-hazardous by WHMIS/OSHA criteria.                     |  |

---

**Carcinogenicity** Not classified or listed by IARC, NTP, OSHA and ACGIH.

**California Proposition 65 - CRT: Listed date/Carcinogenic substance**

1,4-Dioxane (CAS 123-91-1)

Ethylene oxide (CAS 75-21-8)

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)**

Not listed.

**Reproductive toxicity** Non-hazardous by WHMIS/OSHA criteria.

**Teratogenicity** Non-hazardous by WHMIS/OSHA criteria.

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not available.

**Chronic effects** Prolonged inhalation may be harmful.

---

## 12. Ecological information

---

**Ecotoxicity** See below

**Ecotoxicological data**

| Components  |   | Species                              | Test Results             |
|---|---|--------------------------------------|--------------------------|
| Alcohols, C9-11, ethoxylated (CAS 68439-46-3)                           |   |                                      |                          |
| Fish  |   | Rainbow Trout                        | 70.7 mg/L, 96 Hours      |
| <b>Aquatic</b>  |   |                                      |                          |
| Crustacea   | EC50  | Water flea (Daphnia magna)           | 2.9 - 8.5 mg/L, 48 hours |
| Fish  | LC50  | Fathead minnow (Pimephales promelas) | 6 - 12 mg/L, 96 hours    |
| Poly(oxy-1,2-ethanediyl), alpha-undecyl-omega-hydroxy- (CAS 34398-01-1) |   |                                      |                          |
| <b>Aquatic</b>  |   |                                      |                          |
| Crustacea   | EC50  | Water flea (Daphnia magna)           | 1.6 - 2.5 mg/L, 48 hours |
| Fish  | LC50  | Fathead minnow (Pimephales promelas) | 3.2 - 5 mg/L, 96 hours   |
| <b>Persistence and degradability</b>                                    | No data is available on the degradability of this product.  |                                      |                          |
| <b>Bioaccumulative potential</b>  | No data available.  |                                      |                          |
| <b>Mobility in soil</b>   | No data available.  |                                      |                          |
| <b>Mobility in general</b>  | Not available.  |                                      |                          |
| <b>Other adverse effects</b>  | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |                                      |                          |

---

## 13. Disposal considerations

---

|  |   |
|--|---|
| <b>Disposal instructions</b>                 | Review federal, state/provincial, and local government requirements prior to disposal. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| <b>Local disposal regulations</b>            | Dispose in accordance with all applicable regulations.  |
| <b>Hazardous waste code</b>                  | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.  |
| <b>Waste from residues / unused products</b> | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).  |
| <b>Contaminated packaging</b>                | Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.  |

---

## 14. Transport information

---

**Transport of Dangerous Goods (TDG) Proof of Classification** Classification Method: Classified as per Part 2, Sections 2.1 – 2.8 of the Transportation of Dangerous Goods Regulations. If applicable, the technical name and the classification of the product will appear below.

**U.S. Department of Transportation (DOT)**

Not regulated as dangerous goods.

**Transportation of Dangerous Goods (TDG - Canada)**

Not regulated as dangerous goods.

## 15. Regulatory information

**Canadian federal regulations** This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

Not intended for sale into Canada.

**Export Control List (CEPA 1999, Schedule 3)**

Not listed.

**Greenhouse Gases**

Not listed.

**Precursor Control Regulations**

Not regulated.

**WHMIS 2015 Exemptions** Not applicable

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)**

Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**SARA 302 Extremely hazardous substance** No

**Classified hazard categories** Serious eye damage or eye irritation

**SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Clean Water Act (CWA) Section 112(r) (40 CFR 68.130)** Hazardous substance

**US state regulations**

**US - Texas Effects Screening Levels: Listed substance**

Alcohols, C9-11, ethoxylated (CAS 68439-46-3) Listed.  
Poly(oxy-1,2-ethanediyl), alpha-undecyl-omega-hydroxy- (CAS 34398-01-1) Listed.

**US. California Proposition 65**

**WARNING:** This product can expose you to chemicals including Oxirane, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**California Proposition 65 - CRT: Listed date/Carcinogenic substance**

1,4-Dioxane (CAS 123-91-1) Listed: January 1, 1988  
Ethylene oxide (CAS 75-21-8) Listed: July 1, 1987

**California Proposition 65 - CRT: Listed date/Developmental toxin**

Ethylene glycol (CAS 107-21-1) Listed: June 19, 2015  
Ethylene oxide (CAS 75-21-8) Listed: August 7, 2009

**California Proposition 65 - CRT: Listed date/Female reproductive toxin**

Ethylene oxide (CAS 75-21-8) Listed: February 27, 1987

**California Proposition 65 - CRT: Listed date/Male reproductive toxin**

Ethylene oxide (CAS 75-21-8) Listed: August 7, 2009

**Inventory status**

| Country(s) or region | Inventory name                      | On inventory (yes/no)* |
|----------------------|-------------------------------------|------------------------|
| Canada               | Domestic Substances List (DSL)      | No                     |
| Canada               | Non-Domestic Substances List (NDSL) | No                     |

**Country(s) or region**

United States &amp; Puerto Rico

**Inventory name**

Toxic Substances Control Act (TSCA) Inventory

**On inventory (yes/no)\***

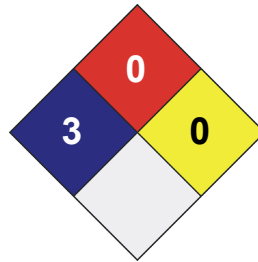
Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**16. Other information**

| LEGEND   |   |
|----------|---|
| Severe   | 4 |
| Serious  | 3 |
| Moderate | 2 |
| Slight   | 1 |
| Minimal  | 0 |

|                            |   |   |
|----------------------------|---|---|
| <b>HEALTH</b>              | / | 3 |
| <b>FLAMMABILITY</b>        |   | 0 |
| <b>PHYSICAL HAZARD</b>     |   | 0 |
| <b>PERSONAL PROTECTION</b> |   | X |

**Disclaimer**

The data contained in this material safety data sheet was obtained from sources that were technically accurate, reliable, and state of the art when this document was prepared. If data was unavailable to complete certain sections, the absence of that data is identified in this document. Because the supplier cannot know the exact circumstances during actual use of this product, other hazards, exposure scenarios, disposal considerations, and regulations may apply and it is the responsibility of the user to read and understand the product label and this document before use. Do not use the product for purposes other than those stated in Section 1.

**Issue date**

07-June-2021

**Version #**

01

**Effective date**

07-June-2021

**Prepared by**

Dell Tech Laboratories, Ltd. Phone: (519) 858-5021

**Further information**

For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.

**Other information**

Redbook revision # 5, 4/3/17