1. Product and Company Identification

Product identifier: PLINK (Lavender)
Other means of identification: Disposer Care Freshener
Recommended use: Freshener
Recommended restrictions: None known.
Manufacturer: Iron Out dba Summit Brands
7201 Engle Road
Fort Wayne, IN 46804-5875 US
Phone: 260-483-2519
Emergency Phone: 1-800-424-9300 (CHEMTREC)

2. Hazards Identification

Physical hazards: Flammable liquids
Health hazards:
- Skin corrosion/irritation
  - Category 2
- Serious eye damage/eye irritation
  - Category 2A
- Sensitization, skin
  - Category 1
Environmental hazards: Not classified.
OSHA defined hazards: Not classified.

Label elements:
- Signal word: Warning
- Hazard statement:
  - Causes skin irritation.
  - Causes serious eye irritation.
  - May cause an allergic skin reaction.
  - Flammable liquid and vapor.
- Precautionary statement:
  - Prevention:
    - Avoid breathing mist or vapor. Wash thoroughly after handling. Wear eye/face protection. Wear protective gloves. Contaminated work clothing must not be allowed out of the workplace.
  - Response:
    - In case of fire: Use appropriate media to extinguish.
    - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
    - If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see this label).
    - If skin irritation or rash occurs: Get medical advice/attention.
    - Wash contaminated clothing before reuse.
    - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- Storage:
  - Store in a well-ventilated place. Keep cool.
- Disposal:
  - Dispose of contents/container in accordance with local/regional/national/international regulations.
- Hazard(s) not otherwise classified (HNOC): None known.

Supplemental information:
- 80% of the mixture consists of component(s) of unknown acute inhalation toxicity. 80% of the mixture consists of component(s) of unknown acute oral toxicity.

3. Composition/Information on Ingredients

Mixture

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orange, sweet, extract</td>
<td>8028-48-6</td>
<td>60-100</td>
<td></td>
</tr>
<tr>
<td>Lavender fragrance</td>
<td>Mixture</td>
<td>0.1-1</td>
<td></td>
</tr>
</tbody>
</table>

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.

4. First Aid Measures

Inhalation: If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

#18008  Page: 1 of 7  Issue date 26-May-2015
5. Fire Fighting Measures

**Suitable extinguishing media**
- Carbon dioxide. Foam. Dry chemical.

**Unsuitable extinguishing media**
- Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical**
- During fire, gases hazardous to health may be formed. Firefighters should wear a self-contained breathing apparatus.

**Special protective equipment and precautions for firefighters**
- Firefighters should wear full protective clothing including self contained breathing apparatus. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire-fighting equipment/instructions**
- Move containers from fire area if you can do so without risk.

**Specific methods**
- Use standard firefighting procedures and consider the hazards of other involved materials.

**General fire hazards**
- Flammable liquid and vapor.

**Hazardous combustion products**
- May include and are not limited to: Oxides of carbon.

**Explosion data**
- Sensitivity to mechanical impact: Not available.
- Sensitivity to static discharge: Not available.

6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures**
- 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. Avoid inhalation of vapors or mists. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**Methods and materials for containment and cleaning up**
- Stop the flow of material, if this is without risk. Pick up and discard. Prevent entry into waterways, sewer, basements or confined areas.

**Environmental precautions**
- Avoid discharge into drains, water courses or onto the ground.

7. Handling and Storage

**Precautions for safe handling**
- Use only with adequate ventilation. Avoid contact with skin. Avoid contact with eyes. Avoid prolonged exposure. Avoid contact with clothing. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using do not eat or drink. Wash thoroughly after handling. Use care in handling/storage. Avoid prolonged or repeated skin contact with this material. Avoid breathing vapors or mists of this product.

**Conditions for safe storage, including any incompatibilities**
- KEEP OUT OF REACH OF CHILDREN.
- Keep away from heat and flame. Store in a closed container away from incompatible materials. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure Controls/Personal Protection

**Occupational exposure limits**

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerol (CAS 56-81-5)</td>
<td>PEL</td>
<td>5 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
</tbody>
</table>
### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total dust</td>
<td></td>
<td>15 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

### US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin wax (CAS 8002-74-2)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>Fume.</td>
</tr>
</tbody>
</table>

### US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
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<td>TWA</td>
<td>2 mg/m³</td>
<td>Fume.</td>
</tr>
</tbody>
</table>

### Biological limit values

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

### Appropriate engineering controls

- 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.

### Individual protection measures, such as personal protective equipment

- **Eye/face protection**: Follow standard industrial hygiene practices.
- **Skin protection**
  - **Hand protection**: Wear protective gloves.
  - **Other**: Wear appropriate chemical resistant clothing. As required by employer code.
- **Respiratory protection**: Wear positive pressure self-contained breathing apparatus (SCBA). Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
- **Thermal hazards**: Not applicable.

### General hygiene considerations

- 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. Contaminated work clothing should not be allowed out of the workplace. Wash hands before breaks and immediately after handling the product.

### 9. Physical and Chemical Properties

**Appearance**: Solid.

**Physical state**: Solid.

**Form**: Beads

**Color**: Purple

**Odor**: Lavender

**Odor threshold**: Not available.

**pH**: Not available.

**Melting point/freezing point**: Not available.

**Initial boiling point and boiling range**: Not available.

**Pour point**: Not available.

**Specific gravity**: Not available.

**Partition coefficient (n-octanol/water)**: Not available.

**Flash point**: 107.0 - 112.0 °F (41.7 - 44.4 °C) Setaflash

**Evaporation rate**: Not available.

**Flammability (solid, gas)**: Not applicable.

**Upper/lower flammability or explosive limits**

- **Flammability limit - lower (%)**: Not available.
- **Flammability limit - upper (%)**: Not available.
- **Explosive limit - lower (%)**: Not available.
- **Explosive limit - upper (%)**: Not available.

**Vapor pressure**: Not available.
10. Stability and Reactivity

Reactivity
This product may react with strong oxidizing agents.

Possibility of hazardous reactions
No dangerous reaction known under conditions of normal use.

Chemical stability
Stable under recommended storage conditions.

Conditions to avoid
Avoid high temperatures. Do not mix with other chemicals.

Incompatible materials
Strong oxidizing agents.

Hazardous decomposition products
May include and are not limited to: Oxides of carbon.

11. Toxicological Information

Routes of exposure
Eye, Skin contact, Inhalation, Ingestion.

Information on likely routes of exposure

Ingestion
Expected to be a low ingestion hazard.

Inhalation
Prolonged inhalation may be harmful.

Skin contact
Causes skin irritation. May cause an allergic skin reaction.

Eye contact
Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics
May cause an allergic skin reaction. Skin irritation. May cause redness and pain. Dermatitis. Rash.

Information on toxicological effects

Acute toxicity
May cause an allergic skin reaction.

Components

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orange, sweet, extract (CAS 8028-48-6)</td>
<td></td>
</tr>
</tbody>
</table>

| Acute Inhalation
| LC50 | Not available |
| Oral | Not available |
| LD50 | Not available |

Skin corrosion/irritation
Causes skin irritation.

| Exposure minutes | Not available. |
| Erthema value | Not available. |
| Oedema value | Not available. |

Serious eye damage/eye irritation
Causes serious eye irritation.

| Corneal opacity value | Not available. |
| Iris lesion value | Not available. |
| Conjunctival reddening value | Not available. |
| Conjunctival oedema value | Not available. |
| Recover days | Not available. |

Respiratory or skin sensitization

| Respiratory sensitization | Not available. |
| Skin sensitization | May cause an allergic skin reaction. Prolonged or repeated exposure can cause drying, defatting and dermatitis. |

Germ cell mutagenicity
No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Mutagenicity
No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity
This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Non-hazardous by WHMIS/OSHA criteria.

Reproductive toxicity
This product is not expected to cause reproductive or developmental effects.

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.

Further information
Not available.

Name of Toxicologically Synergistic Products
Not available.

12. Ecological Information

Ecotoxicity
See below

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerol (CAS 56-81-5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>Rainbow trout, donaldson trout</td>
<td>51000 - 57000 mg/l, 96 hours</td>
</tr>
<tr>
<td></td>
<td>(Oncorhynchus mykiss)</td>
<td></td>
</tr>
</tbody>
</table>

 Persistence and degradability
No data is available on the degradability of this product.

 Bioaccumulative potential
No data available.

 Mobility in soil
No data available.

 Mobility in general
Not available.

 Other adverse effects
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

Disposal instructions
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.

Local disposal regulations
Dispose in accordance with all applicable regulations.

Hazardous waste code
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products
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).

Contaminated packaging
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

General
DOT - 49 CFR 173.150 (f) - Combustible Liquid Exemption

Canada: TDG Proof of Classification: In accordance with Part 2.2.1 (SOR/2014-152) of the Transportation of Dangerous Goods Regulations, we certify that the classification of this product is correct as of the SDS date of issue. 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)

Basic shipping requirements:
- UN number: UN1993
- Proper shipping name: FLAMMABLE LIQUID, N.O.S. (Orange, sweet, extract)
- Hazard class: 3
- Packing group: III
- Special provisions: 16
- Packaging exceptions: <5L - Limited Quantity

IATA/ICAO (Air)

Basic shipping requirements:
- UN number: UN1993
Proper shipping name: Flammable liquid, n.o.s. (Orange, sweet, extract)
Hazard class: 3
Packing group: III
<10L - Limited Quantity: 3L
ERG code: IMDG (Marine Transport)

Basic shipping requirements:
UN number: UN1993
Proper shipping name: FLAMMABLE LIQUID, N.O.S. (Orange, sweet, extract)
Hazard class: 3
Packing group: F-E, S-E
<5L - Limited Quantity: IATA; IMDG; TDG

15. Regulatory Information

Canadian federal regulations: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

WHMIS status: Controlled
WHMIS classification: Class B - Division 3 - Combustible Liquid, Class D - Division 2B
WHMIS labeling:

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.

US CAA Section 111 Volatile Organic Compounds: Listed substance
Glycerol (CAS 56-81-5) Listed.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories: Immediate Hazard - Yes, Delayed Hazard - Yes, Fire Hazard - Yes, Pressure Hazard - No, Reactivity Hazard - No

SARA 302 Extremely hazardous substance: No
SARA 311/312 Hazardous chemical: No
SARA 313 (TRI reporting): Not regulated.
Other federal regulations

Safe Drinking Water Act (SDWA) Not regulated.
Food and Drug Administration (FDA) Not regulated.

US state regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US - California Hazardous Substances (Director's): Listed substance
Paraffin wax (CAS 8002-74-2) Listed.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance
Not listed.

US - Minnesota Haz Subs: Listed substance
Glycerol (CAS 56-81-5) Listed.
Paraffin wax (CAS 8002-74-2) Listed.

US - New Jersey RTK - Substances: Listed substance
Glycerol (CAS 56-81-5) Listed.
Paraffin wax (CAS 8002-74-2) Listed.

US - Texas Effects Screening Levels: Listed substance
Glycerol (CAS 56-81-5) Listed.
Orange, sweet, extract (CAS 8028-48-6) Listed.
Paraffin wax (CAS 8002-74-2) Listed.

US. Massachusetts RTK - Substance List
Glycerol (CAS 56-81-5) Listed.

US. Pennsylvania RTK - Hazardous Substances
Glycerol (CAS 56-81-5) Listed.
Paraffin wax (CAS 8002-74-2) Listed.

US. Rhode Island RTK
Not regulated.

Inventory status

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

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

### 16. Other Information

**LEGEND**

- **HEALTH**: 2
- **FLAMMABILITY**: 2
- **PHYSICAL HAZARD**: 0
- **PERSONAL PROTECTION**: 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**
26-May-2015

**Effective date**
26-May-2015

**Expiry date**
26-May-2018

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

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

**Other information**
This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard (HCS) adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

Redbook revision # 3, 9/10/14