1. IDENTIFICATION

Product identifier
Product Name: Southern Belle Root Lifter

Other means of identification
Product Code: 19-0735
UN/ID no: UN 1950 IMCO Class 2.1
Synonyms: No information available

Recommended use of the chemical and restrictions on use
Recommended Use: Hair Styling Product
Uses advised against: No information available

Details of the supplier of the safety data sheet
Supplier Identification: Drybar Products LLC/Helen of Troy
Address: 1 Helen of Troy Plaza
          El Paso, Texas, 79912
Telephone: Phone: 1-800-487-7273
E-mail: prousso@helenoftroy.com
Emergency telephone number: VelocityEHS (Chemtel) 1-800-255-3924

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Germ cell mutagenicity</td>
<td>Category 1B</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Category 1A</td>
</tr>
<tr>
<td>Flammable aerosols</td>
<td>Category 2</td>
</tr>
<tr>
<td>Gases under pressure</td>
<td>Compressed gas</td>
</tr>
</tbody>
</table>

Label elements

Emergency Overview

Danger

Hazard statements
May cause genetic defects
May cause cancer
Flammable aerosol
Contains gas under pressure; may explode if heated
**Appearance** Spray  
**Physical state** Aerosol  
**Odor** No information available

**Precautionary Statements - Prevention**  
Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Use personal protective equipment as required  
Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
Pressurized container: Do not pierce or burn, even after use  
Do not spray on an open flame or other ignition source

**Precautionary Statements - Response**  
IF exposed or concerned: Get medical advice/attention

**Precautionary Statements - Storage**  
Store locked up  
Protect from sunlight. Store in a well-ventilated place  
Do not expose to temperatures exceeding 122 °F (50 °C)

**Precautionary Statements - Disposal**  
Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**  
<127.82

**Other Information**  
<127.82  
Unknown acute toxicity  
13.8025% of the mixture consists of ingredient(s) of unknown toxicity

---

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substance</th>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Butane</td>
<td>106-97-8</td>
<td>3 - 7</td>
</tr>
</tbody>
</table>

---

### 4. FIRST AID MEASURES

**Description of first aid measures**

**Eye contact**  
Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Skin contact**  
Discontinue use of product. Wash affected area with soap and water. If discomfort persists, consult a physician.

**Inhalation**  
If respiratory irritation occurs, remove individual to fresh air. If discomfort persists, consult a physician. Intentional misuse by deliberately concentrating and inhaling contents may be
harmful or fatal. If breathing is affected due to intentional inhalation, remove patient to fresh air, get emergency attention, and administer artificial respiration and/or oxygen.

**Ingestion**
Clean mouth with water and drink afterwards plenty of water.

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

**Symptoms**
No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians**
Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media**
ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**
No information available.

**Hazardous combustion products**
Hydrocarbons, Volatile organic compounds, Halocarbons, Dimethyl Ether

**Explosion data**
- **Sensitivity to Mechanical Impact**
  No information available.
- **Sensitivity to Static Discharge**
  May be ignited by heat, sparks or flames.

**Protective equipment and precautions for firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions**
Ensure adequate ventilation, especially in confined areas.

**For emergency responders**
Be aware that gases can spread at ground level (heavier than air) and pay attention to the wind direction. Remove all sources of ignition. Pay attention to flashback. Wear respiratory protection. Ventilate the area.

**Environmental precautions**

**Environmental precautions**
The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with conventional solid waste management practices. Aerosol containers are recyclable when empty.

**Methods and material for containment and cleaning up**

**Methods for containment**
Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up**
Dispose of in accordance with federal, state and local regulations.

### 7. HANDLING AND STORAGE
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butane 106-97-8</td>
<td>STEL: 1000 ppm explosion hazard (vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m³</td>
<td>IDLH: 1600 ppm TWA: 800 ppm TWA: 1900 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Engineering Controls
Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection
Avoid contact with eyes.

Skin and body protection
No special technical protective measures are necessary.

Respiratory protection
No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Appearance</th>
<th>Color</th>
<th>Odor</th>
<th>Odor threshold</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerosol</td>
<td>Spray</td>
<td>No information available</td>
<td>No information available</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>6.71</td>
<td></td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling point concentrate</td>
<td>100 °C</td>
<td></td>
</tr>
<tr>
<td>Boiling point propellant</td>
<td>-26.1 °C</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flash point concentrate</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>
Flash point propellant  
Evaporation rate  
Flammability (solid, gas)  
Flammability Limit in Air  
Upper flammability limit:  
Lower flammability limit:  
Vapor pressure  
Vapor density  
Relative density  
Water solubility  
Solubility in other solvents  
Partition coefficient  
Autoignition temperature  
Decomposition temperature  
Kinematic viscosity  
Dynamic viscosity  
Explosive properties  
Oxidizing properties  
Other Information  
Softening point  
Molecular weight  
VOC Content (%)  
Density  
Bulk density  

### 10. STABILITY AND REACTIVITY

**Reactivity**  
<50%

**Chemical stability**  
Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**  
None under normal processing.

**Conditions to avoid**  
Extremes of temperature and direct sunlight.

**Incompatible materials**  
None known based on information supplied.

**Hazardous Decomposition Products**  
None known based on information supplied.

### 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information**  

- **Inhalation**  
  <50%.

- **Eye contact**  
  <50%.

- **Skin contact**  
  <50%.

- **Ingestion**  
  <50%.
### Information on toxicological effects

**Symptoms**
No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

- **Sensitization**: No information available.
- **Germ cell mutagenicity**: No information available.
- **Carcinogenicity**: No information available.
- **Reproductive toxicity**: No information available.
- **STOT - single exposure**: No information available.
- **STOT - repeated exposure**: No information available.
- **Aspiration hazard**: No information available.

**Numerical measures of toxicity - Product Information**

ATEmix (inhalation-gas) 3,976,697.60***

### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

0 % of the mixture consists of components(s) of unknown hazards to the aquatic environment***

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phenoxyethanol (22:99:6)</td>
<td>500: 72 h Desmodesmus subspicatus mg/L EC50</td>
<td>337 - 352: 96 h Pimephales promelas mg/L LC50 flow-through 366: 96 h Pimephales promelas mg/L LC50 static 220 - 460: 96 h Leuciscus idus mg/L LC50 static</td>
<td>500: 48 h Daphnia magna mg/L EC50</td>
</tr>
<tr>
<td>Cocamidopropyl Betaine (61789-40-0)</td>
<td>0.55: 96 h Desmodesmus subspicatus mg/L EC50 1.0 - 1.0: 72 h Desmodesmus subspicatus mg/L EC50</td>
<td>1.0 - 10.0: 96 h Brachydianio rario mg/L LC50 2: 96 h Brachydianio rario mg/L LC50 semi-static</td>
<td>6.5: 48 h Daphnia magna mg/L EC50</td>
</tr>
<tr>
<td>Hexylene glycol (107-41-5)</td>
<td>-</td>
<td>10500 - 11000: 96 h Pimephales promelas mg/L LC50 flow-through 10000: 96 h Leponis macrochirous mg/L LC50 static 8690: 96 h Pimephales promelas mg/L LC50 flow-through 1400000: 96 h Lepomis macrochirus µg/L LC50</td>
<td>2700 - 3700: 48 h Daphnia magna mg/L EC50</td>
</tr>
<tr>
<td>Glycerin (56-81-5)</td>
<td>-</td>
<td>51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 static</td>
<td>500: 24 h Daphnia magna mg/L EC50</td>
</tr>
<tr>
<td>Isopropyl alcohol (67-63-0)</td>
<td>1000: 72 h Desmodesmus subspicatus mg/L EC50 1000: 96 h Desmodesmus subspicatus mg/L EC50</td>
<td>11130: 96 h Pimephales promelas mg/L LC50 static 9640: 96 h Pimephales promelas mg/L LC50 flow-through 1400000: 96 h Leponis macrochirous mg/L LC50</td>
<td>13299: 48 h Daphnia magna mg/L EC50</td>
</tr>
<tr>
<td>Glyoxal (107-22-2)</td>
<td>500: 96 h Desmodesmus subspicatus mg/L EC50 348.59: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 500: 72 h Desmodesmus subspicatus mg/L EC50</td>
<td>215: 96 h Pimephales promelas mg/L LC50 static 460 - 680: 96 h Leuciscus idus mg/L LC50 static</td>
<td>404: 48 h Daphnia magna mg/L EC50</td>
</tr>
</tbody>
</table>

**Persistence and degradability**
No information available.

**Bioaccumulation**
No information available.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butane 106-97-8</td>
<td>2.89</td>
</tr>
</tbody>
</table>

Other adverse effects: No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging: Do not reuse container.

14. TRANSPORT INFORMATION

DOT

Regulated

Proper shipping name: Aerosols, Limited Quantity
Hazard Class: 2.1
Packing Group: n/a

IATA

Regulated

UN/ID no: UN 1950 IMCO Class 2.1
Proper shipping name: Aerosols, Flammable - Limited Quantity
Hazard Class: 2.1
Packing Group: II

IMDG

Regulated

UN/ID no: UN 1950
Proper shipping name: Aerosols, Flammable - Limited Quantity
Hazard Class: 2.1
EmS-No: Chemtrec 1-800-424-9300

15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Test Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>TEST1N</td>
</tr>
<tr>
<td>DSL/NDSL</td>
<td>TEST1N</td>
</tr>
<tr>
<td>EINECS/ELINCS</td>
<td>TEST1N</td>
</tr>
<tr>
<td>ENCS</td>
<td>TEST1N</td>
</tr>
<tr>
<td>IECSC</td>
<td>TEST1N</td>
</tr>
<tr>
<td>KECL</td>
<td>TEST1N</td>
</tr>
<tr>
<td>PICCS</td>
<td>TEST1N</td>
</tr>
<tr>
<td>AICS</td>
<td>TEST1N</td>
</tr>
</tbody>
</table>
US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories
- Acute health hazard: No
- Chronic Health Hazard: No
- Fire hazard: No
- Sudden release of pressure hazard: No
- Reactive Hazard: No

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label Information
EPA Pesticide Registration Number <127.82

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards 0</th>
<th>Flammability 0</th>
<th>Instability 0</th>
<th>Physical and Chemical Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMIS</td>
<td>Health hazards 0</td>
<td>Flammability 0</td>
<td>Physical hazards 0</td>
<td>Personal protection X</td>
</tr>
</tbody>
</table>

Issue Date 10-Jul-2020
Revision Date 10/8/22
Revision Note Emergency Information updated. DR
No information available

Disclaimer
The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release 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 or in any process, unless specified in the text.

End of Safety Data Sheet