1. IDENTIFICATION

Product identifier
Product Name Hot Toddy Heat Protectant Mist - All Variants

Other means of identification
Product Code 19-0780
UN/ID no. UN 1950 IMCO Class 2.1 None
Synonyms

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)

Carcinogenicity Category 1A
Flammable aerosols Category 1
Gases under pressure Compressed gas

Label elements

Emergency Overview

Danger

Hazard statements
May cause cancer
Extremely 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)
- Not applicable

Other Information
- Toxic to aquatic life with long lasting effects Harmful to aquatic life
- Unknown acute toxicity
- 99.262% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substance</th>
<th>Synonyms</th>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Ethanol</td>
<td>64-17-5</td>
<td>15 - 40</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Aminomethyl propanol</td>
<td>124-68-5</td>
<td>0.1 - 1</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

Precautions for safe handling

Advice on safe handling  Flammable. Avoid heat, sparks, flame, or smoking during use. Use only in well-ventilated areas. Contents under pressure. Do not crush, puncture or incinerate. Keep out of reach of children.

Conditions for safe storage, including any incompatibilities

Storage Conditions  Store as an aerosol under the proper aerosol classification level in accordance with NFPA 30B. Store in a cool, dry, well-ventilated area below 120°F. Warehousing should be in compliance with local, state, and federal codes, as well as the regulations of your insurance carrier.

Packaging materials  No information available.

Incompatible materials  None known based on information supplied.

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>Ethanol</td>
<td>STEL: 1000 ppm</td>
<td>TWA: 1000 ppm</td>
<td>IDLH: 3300 ppm</td>
</tr>
<tr>
<td>64-17-5</td>
<td>TWA: 1900 mg/m³</td>
<td>TWA: 1900 ppm</td>
<td>TWA: 1000 ppm</td>
</tr>
<tr>
<td></td>
<td>(vacated) TWA: 1000 ppm</td>
<td>TWA: 1900 mg/m³</td>
<td>TWA: 1000 ppm</td>
</tr>
<tr>
<td></td>
<td>(vacated) TWA: 1900 mg/m³</td>
<td>TWA: 1900 mg/m³</td>
<td>TWA: 1000 ppm</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>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Aerosol</td>
<td>Odor No information available</td>
</tr>
<tr>
<td>Appearance</td>
<td>Spray</td>
<td>Odor threshold No information available</td>
</tr>
<tr>
<td>Color</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Property</td>
<td>Values</td>
<td>Remarks • Method</td>
</tr>
<tr>
<td>pH</td>
<td>No information available</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>78.5 °C</td>
<td></td>
</tr>
</tbody>
</table>
Boiling point propellant 25.1 °C
Flash point No information available
Flash point concentrate 13 °C 55.4 °F
Flash point propellant -50 °C
Evaporation rate No information available
Flammability (solid, gas) No information available
Flammability Limit in Air
   Upper flammability limit: No information available
   Lower flammability limit: No information available
Vapor pressure No information available
Vapor density No information available
Relative density No information available
Water solubility No information available
Solubility in other solvents No information available
Partition coefficient No information available
Autoignition temperature No information available
Decomposition temperature No information available
Kinematic viscosity No information available
Dynamic viscosity No information available
Explosive properties No information available
Oxidizing properties No information available

Other Information

Softening point No information available
Molecular weight No information available
VOC Content (%) <55%
Density 0.7908 g/cc
Bulk density No information available

10. STABILITY AND REACTIVITY

Reactivity
No data available

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 No data available
   Inhalation No data available.
   Eye contact No data available.
Skin contact
No data available.

Ingestion
No data available.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol 64-17-5</td>
<td>7060 mg/kg (Rat)</td>
<td>-</td>
<td>124.7 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>Aminomethyl propanol 124-68-5</td>
<td>2900 mg/kg (Rat)</td>
<td>&gt; 2000 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol 64-17-5</td>
<td>A3</td>
<td>Group 1</td>
<td>Known</td>
<td>X</td>
</tr>
</tbody>
</table>

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

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 6,317.00
ATEmix (dermal) 12,725.00
ATEmix (inhalation-dust/mist) 127.10

12. ECOLOGICAL INFORMATION

Ecotoxicity

43.918 % 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>Ethanol 64-17-5</td>
<td>-</td>
<td>12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static</td>
<td>9268 - 14221: 48 h Daphnia magna mg/L LC50 10800: 24 h Daphnia magna mg/L EC50 2: 48 h Daphnia magna mg/L EC50 Static</td>
</tr>
<tr>
<td>Disiloxane 107-46-0</td>
<td>-</td>
<td>3.02: 96 h Oncorhynchus mykiss mg/L LC50 flow-through</td>
<td>314: 24 h Daphnia magna mg/L EC50</td>
</tr>
<tr>
<td>Aminomethyl propanol 124-68-5</td>
<td>520: 72 h Desmodesmus subspicatus mg/L EC50</td>
<td>190: 96 h Lepomis macrochirus mg/L LC50 static</td>
<td>193: 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>
</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>Ethanol 64-17-5</td>
<td>0.32</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol 64-17-5</td>
<td>Toxic Ignitable</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

DOT
Regulated
UN/ID no. UN 1950 IMCO Class 2.1
Proper shipping name Aerosols, Flammable - 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 n/a

IMDG
Regulated
UN/ID no. UN 1950 IMCO Class 2.1
Proper shipping name Aerosols, Flammable - Limited Quantity
Hazard Class 21
Packing Group n/a
EmS-No. Chemtrec 1-800-424-9300

15. REGULATORY INFORMATION

International Inventories
<table>
<thead>
<tr>
<th>TSCA</th>
<th>DSL/NDSL</th>
<th>EINECS/ELINCS</th>
<th>ENCS</th>
<th>IECSC</th>
<th>KECL</th>
<th>PICCS</th>
<th>AICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Does not comply</td>
<td>Does not comply</td>
<td>Does not comply</td>
<td>Does not comply</td>
<td>Does not comply</td>
<td>Does not comply</td>
<td>Does not comply</td>
<td>Does not comply</td>
</tr>
</tbody>
</table>

Legend:
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: Not applicable

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

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Physical hazards</th>
<th>Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

Issue Date: 29-Jan-2018
Revision Date: 10/8/22
Revision Note: Emergency company data 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