1. Product and Company Identification

<table>
<thead>
<tr>
<th>Product identifier</th>
<th>Hu-Friedy Hand Essentials Antibacterial Soap</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other means of identification</td>
<td>Not available</td>
</tr>
<tr>
<td>Recommended use</td>
<td>Antibacterial soap</td>
</tr>
<tr>
<td>Recommended restrictions</td>
<td>None known</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>Hu-Friedy Mfg. Co., LLC</td>
</tr>
<tr>
<td></td>
<td>3232 N. Rockwell</td>
</tr>
<tr>
<td></td>
<td>Chicago, IL 60618-5982 US</td>
</tr>
<tr>
<td></td>
<td>Phone: 773.975.6100</td>
</tr>
<tr>
<td></td>
<td>Fax: 773.868.3599</td>
</tr>
<tr>
<td></td>
<td>Emergency Phone: 1-800-535-5053</td>
</tr>
<tr>
<td></td>
<td>Outside US: 001-352-323-3500</td>
</tr>
</tbody>
</table>

2. Hazards Identification

| Physical hazards | Not classified. |
| Health hazards | Not classified. |
| Environmental hazards | Not classified. |
| OSHA defined hazards | Not classified. |
| Label elements | |
| Hazard symbol | None. |
| Signal word | Warning |
| Hazard statement | Causes eye irritation. |
| Precautionary statement | |
| Prevention | Avoid contact with eyes. |
| Response | 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 away from incompatible materials. |
| Disposal | Dispose of waste and residues in accordance with local authority requirements. |
| Hazard(s) not otherwise classified (HNOC) | None known. |
| Supplemental information | Not applicable. |

3. Composition/Information on Ingredients

| Mixture | Not applicable to notified cosmetics. Refer to product label for ingredient content. |
| Composition comments | |

4. First Aid Measures

| Inhalation | If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention. |
| Skin contact | In case of skin irritation, discontinue use of product. |
| Eye contact | Immediately flush eyes with plenty of water for at least 15 minutes. Rinse with water. Remove contact lenses, if present and easy to do. Get medical attention immediately. Continue rinsing. |
| Ingestion | Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately. Get medical attention if symptoms occur. |
| Most important symptoms/effects, acute and delayed | Symptoms may include stinging, tearing, redness, swelling, and blurred vision. |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. |
| General information | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. |

5. Fire Fighting Measures

| Suitable extinguishing media | Treat for surrounding material. |
Unsuitable extinguishing media

None known.

Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

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

No unusual fire or explosion hazards noted.

Hazardous combustion products

None known.

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

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.

Methods and materials for containment and cleaning up

This product is miscible in water. Stop the flow of material, if this is without risk. Wipe up with absorbent material (e.g. cloth, fleece). Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small Spills: Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

7. Handling and Storage

Precautions for safe handling

Observe good industrial hygiene practices. Avoid contact with eyes.

Conditions for safe storage, including any incompatibilities

Store in original tightly closed container.

8. Exposure Controls/Personal Protection

Occupational exposure limits

No exposure limits noted for ingredient(s).

Biological limit values

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

Appropriate engineering controls

General ventilation normally adequate.

Individual protection measures, such as personal protective equipment

Eye/face protection

Safety glasses if eye contact is possible.

Skin protection

Hand protection

Not required.

Other

As required by employer code.

Respiratory protection

Not normally required.

Thermal hazards

Not applicable.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Appearance

Viscous

Physical state

Liquid.

Form

Liquid.

Color

Pale yellow

Odor

Floral

Odor threshold

Not available.

pH

6.3

Melting point/freezing point

Not available.
Initial boiling point and boiling range
Pour point
Specific gravity
Partition coefficient (n-octanol/water)
Flash point
Evaporation rate
Flammability (solid, gas)
Upper/lower flammability or explosive limits
Flammability limit - lower (%)
Flammability limit - upper (%)
Explosive limit - lower (%)
Explosive limit - upper (%)
Vapor pressure
Vapor density
Relative density
Solubility(ies)
Auto-ignition temperature
Decomposition temperature
Viscosity
Other information
Percent volatile

10. Stability and Reactivity
Reactivity
Possibility of hazardous reactions
Chemical stability
Conditions to avoid
Incompatible materials
Hazardous decomposition products

11. Toxicological Information
Routes of exposure
Information on likely routes of exposure
Ingestion
Inhalation
Skin contact
Eye contact
Symptoms related to the physical, chemical and toxicological characteristics
Information on toxicological effects
Acute toxicity
Skin corrosion/irritation
Exposure minutes
Erythema value
Oedema value
Serious eye damage/eye irritation
Corneal opacity value
Iris lesion value
12. Ecological Information

Ecotoxicity 
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

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

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 Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

WHMIS classification 
Exempt - Notified cosmetic under the Food & Drugs Act

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.
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 - No
- Fire Hazard - No
- 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
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

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

**US. Massachusetts RTK - Substance List**
- Not regulated.

**US. Pennsylvania RTK - Hazardous Substances**
- Not regulated.

**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**

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
<th>PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

**Severe** 4
**Serious** 3
**Moderate** 2
**Slight** 1
**Minimal** 0

**Disclaimer**
The information in the sheet was written based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

**Issue date**
09-September-2014

**Effective date**
01-September-2014
For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.

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

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). This SDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.