



# SAFETY DATA SHEET

## 1. Product and Company Identification

|                                      |                                                                                                                                                                                        |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product identifier</b>            | <b>Autoclave Wrap</b>                                                                                                                                                                  |
| <b>Other means of identification</b> | Not available                                                                                                                                                                          |
| <b>Recommended use</b>               | Medical equipment wrap                                                                                                                                                                 |
| <b>Recommended restrictions</b>      | None known.                                                                                                                                                                            |
| <b>Manufacturer</b>                  | Hu-Friedy Mfg. Co., LLC<br>2501 Sanders<br>Rd., Northbrook, IL 60062 US<br>Phone: 773.975.6100<br>Fax: 773.868.3599<br>Emergency Phone: 1-800-535-5053<br>Outside US: 001-352-323-3500 |

## 2. Hazards Identification

|                                                  |                                                                                |
|--------------------------------------------------|--------------------------------------------------------------------------------|
| <b>Physical hazards</b>                          | Not classified.                                                                |
| <b>Health hazards</b>                            | Not classified.                                                                |
| <b>Environmental hazards</b>                     | Not classified.                                                                |
| <b>OSHA defined hazards</b>                      | Not classified.                                                                |
| <b>Label elements</b>                            |                                                                                |
| <b>Hazard symbol</b>                             | None.                                                                          |
| <b>Signal word</b>                               | None.                                                                          |
| <b>Hazard statement</b>                          | The mixture does not meet the criteria for classification.                     |
| <b>Precautionary statement</b>                   |                                                                                |
| <b>Prevention</b>                                | Observe good industrial hygiene practices.                                     |
| <b>Response</b>                                  | Wash hands after handling.                                                     |
| <b>Storage</b>                                   | Store away from incompatible materials.                                        |
| <b>Disposal</b>                                  | Dispose of waste and residues in accordance with local authority requirements. |
| <b>Hazard(s) not otherwise classified (HNOC)</b> | None known.                                                                    |
| <b>Supplemental information</b>                  | Not applicable.                                                                |

## 3. Composition/Information on Ingredients

|                             |                                      |
|-----------------------------|--------------------------------------|
| <b>Mixture</b>              |                                      |
| <b>Composition comments</b> | Non-hazardous by WHMIS/OSHA criteria |

## 4. First Aid Measures

|                                                                               |                                                                                                                                      |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>                                                             | Not a normal route of exposure.                                                                                                      |
| <b>Skin contact</b>                                                           | Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.                                    |
| <b>Eye contact</b>                                                            | Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists. |
| <b>Ingestion</b>                                                              | Not a normal route of exposure.                                                                                                      |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Direct contact with eyes may cause temporary irritation.                                                                             |
| <b>Indication of immediate medical attention and special treatment needed</b> | Treat symptomatically.                                                                                                               |
| <b>General information</b>                                                    | If you feel unwell, seek medical advice (show the label where possible). Keep out of reach of children.                              |

## 5. Fire Fighting Measures

|                                       |                                            |
|---------------------------------------|--------------------------------------------|
| <b>Suitable extinguishing media</b>   | Water. Foam. Dry chemical. Carbon dioxide. |
| <b>Unsuitable extinguishing media</b> | None known.                                |

|                                                                      |                                                                                                 |
|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <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>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.                                           |
| <b>Explosion data</b>                                                |                                                                                                 |
| <b>Sensitivity to mechanical impact</b>                              | Not available.                                                                                  |
| <b>Sensitivity to static discharge</b>                               | Not available.                                                                                  |

## 6. Accidental Release Measures

|                                                                            |                      |
|----------------------------------------------------------------------------|----------------------|
| <b>Personal precautions, protective equipment and emergency procedures</b> | None necessary.      |
| <b>Methods and materials for containment and cleaning up</b>               | Pick up and discard. |
| <b>Environmental precautions</b>                                           | None necessary.      |

## 7. Handling and Storage

|                                                                     |                                                                     |
|---------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>Precautions for safe handling</b>                                | Avoid prolonged exposure. Use care in handling/storage.             |
| <b>Conditions for safe storage, including any incompatibilities</b> | Store away from incompatible materials (see Section 10 of the SDS). |

## 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>                                                   | This material does not have established exposure limits.               |
| <b>Appropriate engineering controls</b>                                      | General ventilation normally adequate.                                 |
| <b>Individual protection measures, such as personal protective equipment</b> |                                                                        |
| <b>Eye/face protection</b>                                                   | Not normally required.                                                 |
| <b>Skin protection</b>                                                       |                                                                        |
| <b>Hand protection</b>                                                       | Not normally required.                                                 |
| <b>Other</b>                                                                 | As required by employer code.                                          |
| <b>Respiratory protection</b>                                                | Not normally required.                                                 |
| <b>Thermal hazards</b>                                                       | Wear appropriate thermal protective clothing, when necessary.          |
| <b>General hygiene considerations</b>                                        | Handle in accordance with good industrial hygiene and safety practice. |

## 9. Physical and Chemical Properties

|                                                |                  |
|------------------------------------------------|------------------|
| <b>Appearance</b>                              | Non woven fabric |
| <b>Physical state</b>                          | Solid.           |
| <b>Form</b>                                    | Solid.           |
| <b>Color</b>                                   | Blue or Green    |
| <b>Odor</b>                                    | None             |
| <b>Odor threshold</b>                          | Not available.   |
| <b>pH</b>                                      | Not available.   |
| <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.   |

|                                                     |                   |
|-----------------------------------------------------|-------------------|
| Evaporation rate                                    | Not available.    |
| Flammability (solid, gas)                           | Not applicable.   |
| <b>Upper/lower flammability or explosive limits</b> |                   |
| Flammability limit - lower (%)                      | Not available.    |
| Flammability limit - upper (%)                      | Not available.    |
| Explosive limit - lower (%)                         | Not available.    |
| Explosive limit - upper (%)                         | Not available.    |
| Vapor pressure                                      | Not available.    |
| Vapor density                                       | Not available.    |
| Relative density                                    | Not available.    |
| Solubility(ies)                                     | Insoluble         |
| Auto-ignition temperature                           | 449.6 °F (232 °C) |
| Decomposition temperature                           | Not available.    |
| Viscosity                                           | Not available.    |

## 10. Stability and Reactivity

|                                    |                                                       |
|------------------------------------|-------------------------------------------------------|
| Reactivity                         | None known.                                           |
| Possibility of hazardous reactions | Hazardous polymerization does not occur.              |
| Chemical stability                 | Stable under recommended storage conditions.          |
| Conditions to avoid                | To avoid thermal decomposition, do not overheat.      |
| Incompatible materials             | None known.                                           |
| Hazardous decomposition products   | May include and are not limited to: Oxides of carbon. |

## 11. Toxicological Information

|                                                                              |                                                                  |
|------------------------------------------------------------------------------|------------------------------------------------------------------|
| Routes of exposure                                                           | Eye. Skin contact.                                               |
| <b>Information on likely routes of exposure</b>                              |                                                                  |
| Ingestion                                                                    | Not applicable under normal conditions of use.                   |
| Inhalation                                                                   | No adverse effects due to inhalation are expected.               |
| Skin contact                                                                 | No adverse effects due to skin contact are expected.             |
| Eye contact                                                                  | Direct contact with eyes may cause temporary irritation.         |
| Symptoms related to the physical, chemical and toxicological characteristics | There are no hazards associated with this product in normal use. |
| <b>Information on toxicological effects</b>                                  |                                                                  |
| Acute toxicity                                                               | Not classified.                                                  |
| Skin corrosion/irritation                                                    | Prolonged skin contact may cause temporary irritation.           |
| Exposure minutes                                                             | Not available.                                                   |
| Erythema value                                                               | Not available.                                                   |
| Oedema value                                                                 | Not available.                                                   |
| Serious eye damage/eye irritation                                            | Direct contact with eyes may cause temporary 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.                                                   |
| <b>Respiratory or skin sensitization</b>                                     |                                                                  |
| Respiratory sensitization                                                    | Not classified.                                                  |
| Skin sensitization                                                           | This product is not expected to cause skin sensitization.        |
| Germ cell mutagenicity                                                       | Not classified.                                                  |
| Mutagenicity                                                                 | Not classified.                                                  |

|                                                           |                                                           |
|-----------------------------------------------------------|-----------------------------------------------------------|
| <b>Carcinogenicity</b>                                    | Not classified.                                           |
| <b>Reproductive toxicity</b>                              | Not classified.                                           |
| <b>Teratogenicity</b>                                     | Not classified.                                           |
| <b>Specific target organ toxicity - single exposure</b>   | Not classified.                                           |
| <b>Specific target organ toxicity - repeated exposure</b> | Not classified.                                           |
| <b>Aspiration hazard</b>                                  | Not classified.                                           |
| <b>Chronic effects</b>                                    | Not classified.                                           |
| <b>Further information</b>                                | This product has no known adverse effect on human health. |
| <b>Name of Toxicologically Synergistic Products</b>       | Not available.                                            |

## 12. Ecological Information

|                                      |                                                                                                                                                                                                    |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ecotoxicity</b>                   | 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. |
| <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>                 | Discard with solid waste.                                                                                                                                                                                        |
| <b>Local disposal regulations</b>            | Dispose of in accordance with local 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

### 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

|                                                                                         |                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Canadian federal regulations</b>                                                     | 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. |
| <b>WHMIS status</b>                                                                     | Not Controlled                                                                                                                                                                                           |
| <b>US federal regulations</b>                                                           | This product is NOT known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.                                                                           |
| <b>TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)</b>                    | Not regulated.                                                                                                                                                                                           |
| <b>CERCLA Hazardous Substance List (40 CFR 302.4)</b>                                   | Not listed.                                                                                                                                                                                              |
| <b>Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)</b> | Not regulated.                                                                                                                                                                                           |
| <b>Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List</b>             | Not regulated.                                                                                                                                                                                           |

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

**Hazard categories**  
Immediate Hazard - No  
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**  
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**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

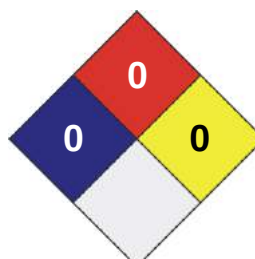
| Country(s) or region        | Inventory name                                | On inventory (yes/no)* |
|-----------------------------|-----------------------------------------------|------------------------|
| Canada                      | Domestic Substances List (DSL)                | Yes                    |
| Canada                      | Non-Domestic Substances List (NDSL)           | No                     |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | 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 |

|                     |     |
|---------------------|-----|
| HEALTH              | / 0 |
| FLAMMABILITY        | 0   |
| PHYSICAL HAZARD     | 0   |
| PERSONAL PROTECTION | X   |



### 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**  
15-August-2014

**Effective date**  
01-August-2014

**Expiry date**  
01-August-2017

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