

# Safety Data Sheet

Material Name: Infant Heel Warmer

SDS ID: COV-043

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## Section 1 - PRODUCT AND COMPANY IDENTIFICATION

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### Material Name

Infant Heel Warmer

### Trade Names

MH00002N, MH00002T

### Product Use

For warming skin

### Restrictions on Use

For use under medical supervision only.

### Details of the supplier of the safety data sheet

Covidien, LP

15 Hampshire Street

Mansfield, MA 02048

USA

Phone: +1-(508) 261-8000 (Monday - Friday 8:00 am to 5:00 pm)

Email: customerservice@medtronic.com

Emergency Telephone Number:

CHEMTREC (800) 424-9300 (for US and Canada)

1(703) 527-3887 (Outside US and Canada)

Collect calls accepted

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## Section 2 - HAZARDS IDENTIFICATION

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### Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

None needed according to classification criteria

### GHS Label Elements

#### Symbol(s)

None needed according to classification criteria

#### Signal Word

None needed according to classification criteria

#### Hazard Statement(s)

None needed according to classification criteria

#### Precautionary Statement(s)

#### Prevention

None needed according to classification criteria

#### Response

None needed according to classification criteria

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**Storage**

None needed according to classification criteria

**Disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations

**Other Hazards**

No additional information available.

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## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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CAS	Component Name	Percent (%)
127-09-3	Sodium acetate	40-45
7732-18-5	Water	55-60

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## Section 4 - FIRST AID MEASURES

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**Inhalation**

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

**Skin**

It is unlikely that first aid will be required. If skin irritation occurs, Rinse with water. Get medical advice/attention.

**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.

**Ingestion**

If swallowed, get medical attention.

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

Treat symptomatically and supportively.

**Most Important Symptoms/Effects**

**Acute**

Contact with the liquid may cause mild eye irritation, skin irritation.

**Delayed**

No information on significant adverse effects.

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## Section 5 - FIRE FIGHTING MEASURES

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### Extinguishing Media

#### Suitable Extinguishing Media

Use extinguishing agents appropriate for surrounding fire.

#### Unsuitable Extinguishing Media

None known.

### Special Hazards Arising from the Chemical

Fumes from hot material may be irritating.

### Hazardous Combustion Products

Oxides of carbon, sodium oxides

### Fire Fighting Measures

Avoid inhalation of material or combustion by-products.

### Special Protective Equipment and Precautions for Firefighters

Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

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## Section 6 - ACCIDENTAL RELEASE MEASURES

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### Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8.

### Methods and Materials for Containment and Cleaning Up

Absorb with earth, sand or other non-combustible material and transfer to container. Clear up spills immediately and dispose of waste safely.

### Environmental Precautions

Avoid release to the environment.

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## Section 7 - HANDLING AND STORAGE

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### Precautions for Safe Handling

Keep away from heat/sparks/open flames/hot surfaces.

### Conditions for Safe Storage, Including any Incompatibilities

Store in a cool dry place. Store in a well-ventilated place. Protect from sunlight. Store below 100 F. Store above freezing.

### Incompatible Materials

strong acids, strong oxidizing agents

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## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### Component Exposure Limits

ACGIH, NIOSH, EU, OSHA (US) and Mexico have not developed exposure limits for any of this product's components

### Biological limit value

There are no biological limit values for any of this product's components.

### Engineering Controls

Based on available information, additional ventilation is not required.

### Individual Protection Measures, such as Personal Protective Equipment

#### Eye/face protection

Safety glasses or goggles are recommended when there is a potential for eye contact.

#### Skin Protection

Not required.

#### Respiratory Protection

No respirator is required under normal conditions of use.

#### Glove Recommendations

Not required.

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Liquid/solid contained in polymer pouch	<b>Physical State</b>	Liquid
<b>Odor</b>	Odorless	<b>Color</b>	Clear, white
<b>Odor Threshold</b>	Not available	<b>pH</b>	Neutral to slightly basic (contents)
<b>Melting Point</b>	Not available	<b>Boiling Point</b>	Not available
<b>Freezing point</b>	Not available	<b>Evaporation Rate</b>	Not available
<b>Boiling Point Range</b>	Not available	<b>Flammability (solid, gas)</b>	Not available
<b>Autoignition</b>	Not available	<b>Flash Point</b>	Not flammable
<b>Lower Explosive Limit</b>	Not available	<b>Decomposition</b>	Not available
<b>Upper Explosive Limit</b>	Not available	<b>Vapor Pressure</b>	Negligible
<b>Vapor Density (air=1)</b>	>1	<b>Specific Gravity (water=1)</b>	1 - 1.55 (approximate for contents)

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<b>Water Solubility</b>	Completely soluble	<b>Partition coefficient: n-octanol/water</b>	Not available
<b>Viscosity</b>	Not available	<b>Solubility (Other)</b>	Not available
<b>Density</b>	Not available	<b>VOC</b>	0 g/L

## Other Information

No additional information available.

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## Section 10 - STABILITY AND REACTIVITY

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### Reactivity

No reactivity hazard is expected.

### Chemical Stability

Stable under normal conditions of use.

### Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

### Conditions to Avoid

Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight. Avoid contact with incompatible materials.

### Incompatible Materials

strong acids, strong oxidizing agents

### Hazardous decomposition products

Oxides of carbon, sodium oxides

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## Section 11 - TOXICOLOGICAL INFORMATION

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### Information on Likely Routes of Exposure

#### Inhalation

No information on significant adverse effects.

#### Skin Contact

Liquid contact may irritate the skin.

#### Eye Contact

Contact with the liquid may cause irritation.

#### Ingestion

May cause gastrointestinal irritation, nausea, vomiting.

### Acute and Chronic Toxicity

#### Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Sodium acetate (127-09-3)

Oral LD50 Rat 3530 mg/kg

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Dermal LD50 Rabbit >10 g/kg  
Inhalation LC50 Rat >30 g/m<sup>3</sup> 1 h

## **Immediate Effects**

Contact with the liquid may cause mild eye irritation, skin irritation.

## **Delayed Effects**

No information on significant adverse effects.

## **Irritation/Corrosivity Data**

Contact with the liquid may cause mild eye irritation, skin irritation.

## **Respiratory Sensitization**

No data available.

## **Dermal Sensitization**

No data available.

## **Component Carcinogenicity**

None of this product's components are listed by ACGIH, IARC, NTP, DFG or OSHA

## **Germ Cell Mutagenicity**

No data available.

## **Tumorigenic Data**

No data available

## **Reproductive Toxicity**

No data available.

## **Specific Target Organ Toxicity - Single Exposure**

No target organs identified.

## **Specific Target Organ Toxicity - Repeated Exposure**

No target organs identified.

## **Aspiration hazard**

No data available.

## **Medical Conditions Aggravated by Exposure**

No data available.

## **Additional Data**

No additional information available.

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## **Section 12 - ECOLOGICAL INFORMATION**

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### **Ecotoxicity**

Avoid release to the environment.

### **Component Analysis - Aquatic Toxicity**

Sodium acetate	127-09-3
Invertebrate:	EC50 48 h Daphnia magna >1000 mg/L IUCLID

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**Persistence and Degradability**

No information available for the product.

**Bioaccumulative Potential**

No information available for the product.

**Mobility**

No information available for the product.

**Other Toxicity**

No information available for the product.

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## Section 13 - DISPOSAL CONSIDERATIONS

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**Disposal Methods**

Dispose in accordance with all applicable regulations.

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## Section 14 - TRANSPORT INFORMATION

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**US DOT Information:**

**Shipping Name:** Not applicable

**Hazard Class:** Not applicable

**UN/NA #:** Not regulated

**Packing Group:** Not applicable

**Required Label(s):** Not applicable

**Additional information:** No additional information available

**IATA Information:**

**Shipping Name:** Not applicable

**Hazard Class:** Not applicable

**UN#:** Not regulated

**Packing Group:** Not applicable

**Required Label(s):** Not applicable

**Additional information:** Consult current IATA regulations prior to shipping by air

**IMDG Information:**

**Shipping Name:** Not applicable

**Hazard Class:** Not applicable

**UN#:** Not regulated

**Packing Group:** Not applicable

**Required Label(s):** Not applicable

**Additional information:** No additional information available

**TDG Information:**

**Shipping Name:** Not applicable

**Hazard Class:** Not applicable

**UN#:** Not regulated

**Packing Group:** Not applicable

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**Required Label(s):** Not applicable

**Additional information:** No additional information available

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## Section 15 - REGULATORY INFORMATION

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### U.S. Federal Regulations

None of this products components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b).

### Not listed under California Proposition 65

### Canadian WHMIS Ingredient Disclosure List (IDL)

The components of this product are either not listed on the IDL or are present below the threshold limit listed on the IDL.

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## Section 16 - OTHER INFORMATION

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### Summary of Changes

New SDS: July 13, 2015

### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH - Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States; WHMIS - Workplace Hazardous Materials Information System

### Other Information

#### Disclaimer:

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