

## \* SAFETY DATA SHEET \*

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** McKesson Infant Heel Warmer  
**MFR #:** 59-45HW, 204

**DISTRIBUTED BY:** McKesson Medical-Surgical Inc.  
9954 Mayland Drive, Suite 4000  
Richmond, Virginia 23233

**INFORMATION LINE:** 1-800-777-4908  
Monday – Friday 8:00 a.m. – 6:00 p.m. EST

**EMERGENCY PHONE:** 1-800-451-8346 (3E Company)  
Day or night

**PRODUCT DESCRIPTION:** McKesson Infant Heel Warmer

### SECTION 2: HAZARDS IDENTIFICATION

**ROUTES OF ENTRY:** N/A

**POTENTIAL HEALTH EFFECTS:**

**EYES:** Contact may cause irritation, redness and/or pain.

**SKIN:** May cause irritation with redness and/or pain.

**INGESTION:** Large doses may product abdominal pain.

**INHALATION:** May cause irritation to the respiratory tract. Symptoms include coughing, sore throat, labored breathing and chest pain.

**ACUTE HEALTH HAZARDS:** N/A

**CHRONIC HEALTH HAZARDS:** N/A

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N/A

**CARCINOGENICITY**

**OSHA:** N/A

**ACGIH:** N/A

**NTP:** N/A

**IARC:** N/A

**OTHER:** N/A

**SECTION 2 NOTES:** N/A

### SECTION 3: COMPOSITION/INFORMATION OF INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>%</u>	<u>Exposure Limits</u>
Sodium Acetate	127-09-3	N/A	N/A

**SECTION 3 NOTES:** N/A

### SECTION 4: FIRST-AID MEASURES

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.

**SKIN:** Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

**INGESTION:** Give several glasses of water to drink to dilute. If large amounts were swallowed, get medical advice.

**INHALATION:** Remove to fresh air. Get medical attention for any breathing difficulty.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** N/A

**SECTION 4 NOTES:** N/A

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## SECTION 5: FIRE-FIGHTING MEASURES

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**FLAMMABLE LIMITS IN AIR, UPPER:** N/A  
**(% BY VOLUME) LOWER:** N/A

**FLASH POINT:** N/A  
**METHOD USED:** N/A

**AUTOIGNITION TEMPERATURE:** 611 °C (1132 °F)

### NFPA HAZARD CLASSIFICATION

<b>HEALTH:</b>	N/A	<b>FLAMMABILITY:</b>	N/A	<b>REACTIVITY:</b>	N/A	<b>OTHER:</b>	N/A
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### HMIS HAZARD CLASSIFICATION

<b>HEALTH:</b>	N/A	<b>FLAMMABILITY:</b>	N/A	<b>REACTIVITY:</b>	N/A	<b>PERSONAL:</b>	N/A
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**EXTINGUISHING MEDIA:** Water spray, dry chemical, alcohol foam or carbon dioxide.

**SPECIAL FIRE FIGHTING PROCEDURES:** In the event of fire, wear full protective clothing and NIOSH-approved self contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

**HAZARDOUS DECOMPOSITION PRODUCTS:** N/A

**SECTION 5 NOTES:** N/A

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**ACCIDENTAL RELEASE MEASURES:** Remove all sources of ignition. Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Clean up spills in a manner that does not disperse dust into the air. Use non-sparking tools and equipment. Reduce airborne dust and prevent scattering by moistening with water. Pick up spill for recovery or disposal and place in a closed container. Small amounts of the residue may be flushed to sewer with plenty of water.

**SECTION 6 NOTES:** Dispose of waste follow all local, state and federal regulations.

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## SECTION 7: HANDLING AND STORAGE

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**HANDLING:** N/A

**STORAGE:** Keep in a tightly closed container, sorted in a cool dry ventilated area. Protect against physical damage. Isolate from any source of heat or ignition. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

**OTHER PRECAUTIONS:** N/A

**SECTION 7 NOTES:** N/A

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### ENGINEERING CONTROLS:

**VENTILATION:** A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, Personal Respirators (NIOSH Approved).

**RESPIRATORY PROTECTION:** For conditions of use where exposure to dust or mist is apparent and engineering controls are not feasible, a particulate respirator (NIOSH type N95 or better filters) may be worn. If oil particles (e.g. lubricants, cutting fluids, glycerin etc) are present, use a NIOSH type R or P filter. For emergencies or instances where the exposure levels are not known, use a full-face positive pressure air supplied respirator. Warning: Air purifying respirators do not protect workers in oxygen-deficient atmospheres.

**EYE PROTECTION:** Use chemical safety goggles. Maintain eyewash fountain and quick drench facilities in work area.

**SKIN PROTECTION:** Wear protective gloves and clean body-covering clothing.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** N/A

**WORK HYGIENIC PRACTICES:**

**EXPOSURE GUIDELINES:** N/A

**SECTION 8 NOTES:** N/A

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE & ODOR:** Colorless, slight acetic acid odor

**PHYSICAL STATE:** Crystals

**pH AS SUPPLIED:** 8.9

**pH (Other):** N/A

**BOILING POINT:** N/A °F

**MELTING POINT:** Loses water @ 120 °C (248 °F), decomposes @ 324 °C (615.2 °F)

**FREEZING POINT:** N/A

**VAPOR PRESSURE (mmHg):** N/A

@ N/A

**DENSITY (lb/gal):** 1.45

@ N/A

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** N/A

@ N/A

**EVAPORATION RATE:** N/A

**BASIS (=1):** N/A

**SOLUBILITY IN WATER:** 76gm/100mls water @ 0 °C

**PERCENT SOLIDS BY WEIGHT:** N/A

**PERCENT VOLATILE:** N/A

BY WT/ N/A BY VOL @ 21 °C (70 °F)

**VOLATILE ORGANIC COMPOUNDS (VOC):** N/A

WITH WATER:	N/A	LBS/GAL
WITHOUT WATER:	N/A	LBS/GAL

**MOLECULAR WEIGHT:** N/A

**VISCOSITY:** N/A

**SECTION 9 NOTES:** N/A

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## SECTION 10: STABILITY AND REACTIVITY

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**STABLE**

**UNSTABLE**

**STABILITY:** Stable under ordinary conditions of use and storage.

**CONDITIONS TO AVOID (STABILITY):** Incompatibles

**INCOMPATIBILITY (MATERIAL TO AVOID):** Nitric Acid, Fluoride, Potassium nitrate, Strong oxidizers and diketene

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Emits fumes of acetic acid upon heating and on contact with strong acids.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID (POLYMERIZATION):** N/A

**SECTION 10 NOTES:** N/A

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## SECTION 11: TOXICOLOGICAL INFORMATION

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**TOXICOLOGICAL INFORMATION:** N/A

**SECTION 11 NOTES:** Hydrate: investigated as a mutagen. Anhydrous: Oral rat LD50: 350mg/kg, Inhalation rat LC50 > 30gm/m3, skin rabbit LD50 > 10mg/kg, Irritation Data, standard Draize: skin rabbit 500mg/24H, mild; standard draize Eye rabbit 10mg, mild.

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## SECTION 12: ECOLOGICAL INFORMATION

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**ECOLOGICAL INFORMATION:** N/A

**SECTION 12 NOTES:** N/A

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## SECTION 13: DISPOSAL CONSIDERATIONS

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**WASTE DISPOSAL METHOD:** Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal, state and local requirements. This substance is biodegradable. Disposal according to local legislation.

**RCRA HAZARD CLASS:** N/A

**SECTION 13 NOTES:** N/A

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## SECTION 14: TRANSPORT INFORMATION

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### U.S. DEPARTMENT OF TRANSPORTATION

**PROPER SHIPPING NAME:** N/A  
**HAZARD CLASS:** N/A  
**DOT SHIPPING ID NUMBER:** N/A  
**DOT PACKING GROUP:** N/A  
**DOT HAZARD CLASS:** N/A  
**DOT LABEL STATEMENT:** N/A

### WATER TRANSPORTATION

**PROPER SHIPPING NAME:** N/A  
**HAZARD CLASS:** N/A  
**ID NUMBER:** N/A  
**PACKING GROUP:** N/A  
**LABEL STATEMENTS:** N/A

### AIR TRANSPORTATION

**PROPER SHIPPING NAME:** N/A  
**HAZARD CLASS:** N/A  
**ID NUMBER:** N/A  
**PACKING GROUP:** N/A  
**LABEL STATEMENTS:** N/A

**SECTION 14 NOTES:** This product does not constitute a hazardous substance in national/international Road, Rail, Sea and Air transport.

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## SECTION 15: REGULATORY INFORMATION

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### U.S. FEDERAL REGULATIONS

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** Sodium Acetate

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** N/A

**SARA 311/312 HAZARD CATEGORIES:** Acute.

**SARA 313 REPORTABLE INGREDIENTS:** Contains NO hazardous ingredients subject to reporting requirements of Section 313 of SARA Title II.

**STATE REGULATIONS:** N/A

**INTERNATIONAL REGULATIONS:** Japan, Australia, DSL, NDSL, Philippines.

**SECTION 15 NOTES:** N/A

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## SECTION 16: OTHER INFORMATION

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**OTHER INFORMATION:** N/A

**PREPARATION INFORMATION:** N/A

**DISCLAIMER:** This information relates onto to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. The information and recommendations contained herein are to the best of the manufacturer's knowledge and belief accurate and reliable as of the date indicated. No representation warranty or guarantee, however, is made with regards to accuracy, reliability or completeness. Conditions of use of the material are under the control of the user; therefore, it is the user's responsibility to satisfy itself as to the suitability and completeness of such information for its own particular use. Appropriate warnings and safe-handling procedures should be provided to handlers and users.