

# Marks & Spencer Homecare Products Ingredients and Safety Data Sheet

## Instant Heat Pack

UPC: 8472496

Marks & Spencer PLC  
Waterside House  
35 North Warf Road  
London  
W2 1NW

In an emergency please call 01342 870900

## 2. Composition / Information On Ingredients

| Ingredient  | INCI Name | Weight | Hazard | Risk No |
|-------------|-----------|--------|--------|---------|
| Acetic Acid | .         | > 99%  |        |         |

## 3. Hazard Identification

**Human** None

**Safety** Hmis Hazard Ratings: health – 3, Flammability-2,  
Reactivity-0, Personal Protection-H

NFPA Hazard Ratings: Health-2, Flammability -2,  
Reactivity ( Stability)-0

**Ecological** None

## 4. First Aid Measures

**Inhalation** Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.

**Ingestion** Do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**Skin Contact** Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash contaminated clothing before reuse. Destroy contaminated shoes.

**Eye Contact** Immediately flush with plenty of water for at least 15 minutes. Get medical attention immediately.

## 5. Fire Fighting Measures

Extinguishing Media: Water spray, dry chemical, carbon dioxide ( CO2), alcohol foam

Fire and Explosion Hazards: Wear self-contained breathing apparatus and protective clothing. Use water spray to keep fire-exposed containers cool.

## 6. Accidental Release Measures

Personal Precautions: Eliminate all ignition sources. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

Methods for cleaning Up: For large spills: Flush spill area with water spray. Prevent runoff from entering drains, sewers, or streams.

## 7. Handling & Storage

**Handling** Do not breathe vapour at concentrations greater than the exposure limits. Do not get in eyes, on skin, on clothing. Use only with adequate ventilation. Wash thoroughly after handling.  
Prevention of Fire and Explosion: Keep away from heat and flame. Keep from contact with oxidizing materials. Use with adequate ventilation.

**Storage** Keep away from toxic substances. Keep container closed. Keep away from incompatible substances.

## 8. Exposure Controls & Personal Protection

**General Information** Engineering Measure: IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL ( TLV).

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING, LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

**Hand Protection** None

**Skin Protection** None

**Eye Protection** None  
**Respiratory** None  
**Occupational Exposure Limits** None

## 9. Physical & Chemical Properties

**PHYSICAL STATE:** LIQUID  
**FORM:** LIQUID  
**COLOR:** COLORLESS  
**ODOR:** PUNGENT, VINEGAR  
**PH:** 2.4 (1m SOLUTION)  
**BOILING POINT /** 115  
**BOILING RANGE:**

## 10. Stability & Reactivity

Stable

## 11. Toxicological Information

Acute toxicity: General Acute overexposure to extremely high airborne concentrations of respiratory irritants has been associated with development of an asthma-like reactive airways syndrome ( RADS) in susceptible individuals. Extremely high airborne concentrations are not generated during normal conditions of use but may occur following a spill. The potential to generate extremely high airborne concentration in a spill situation depends upon physical factors such as the concentration of the solution, the volume of the spill, the surface area of the spill, the size of the room where the spill occurred, and the ventilation rate in the room. Inhalation: Vapor extremely irritating.

## 12. Ecological Information

This environmental effects summary is written to assist in addressing emergencies created by an accidental spill which might occur during the shipment of this material, and, in general, it is not meant to address discharges to sanitary sewers or publically owned treatment works.

## 13. Disposal

Recommended Methods for Safe and Environmentally Preferred Disposal: Discharge, treatment, or disposal is subject to national, state, or local

laws, Contract with a licensed chemical disposal agency. Since emptied containers retain product residue, follow label warnings even after container is emptied.

## **14. Transport Information**

International regulations: 1. DOT: 49 CFR rating: class 8, corrosive: class 3 flammable.

UN classification number: UN 2789

Specific Procautionary Transport Measures and Conditions: Corrosive and flammable liquid.

## **15. Regulatory Information**

Applicable Regulations: Carcinogenicity Classification ( components present at 0.1% or more):

- International Agency for Research on Cancer ( IARC): None
- American Conference of Governmental Industrial Hygienists ( ACGIH): None
- National Toxicology Program ( NTP): None
- Occupational Safety and Health Administration ( OSHA): None.

## **16. Other Information**

None

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