

# Material Safety Data Sheet (MSDS)

According to ISO 11014-2009

Report No.: DGC211224008LE01      Date: Dec. 30, 2021      Page 1 of 8

Product Name: Warmer patch, HEAT PADS

# MSDS

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**Product Name:** Warmer patch , HEAT PADS

**Issue date:** Dec. 30, 2021

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Page 2 of 8

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## Section 1 - Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product name: Warmer patch, HEAT PADS

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Warm, soothing relief for muscle and arthritis aches and pains

Uses advised against: No information available.

## Section 2 - Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation GHS

The product is not classified according to the GHS regulation.

### 2.2 Label elements

#### Labelling according to Regulation GHS

The product is not classified and labelled according to the GHS regulation.

Hazard pictogram(s): N/A

Signal word: N/A

Hazard statement(s): N/A

Precautionary statements: N/A

2.3 Other hazards: No information available.

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Report No.: DGC211224008LE01      Date: Dec. 30, 2021      Page 3 of 8

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## Section 3 – Composition/Information on Ingredient

### 3.1 Chemical characterization: Mixtures

#### Description:

Product: consisting of the following components.

Chemical Name	CAS No.	EC No.	Concentration
Iron powder	7439-89-6	231-096-4	55%
water	7732-18-5	231-791-2	15%
salt	7647-14-5	231-598-3	7%
Activated carbon	64365-11-3	264-846-4	10%
wood powder	7440-44-0	231-153-3	3%
vermiculite	1318-00-9	---	10%

## Section 4 - First Aid Measures

### 4.1 Description of first aid measures

#### General information:

In all cases of doubt, seek medical attention.

#### Following inhalation:

In general, no harm. If you feel unwell, remove to fresh air and keep at rest in a position comfortable for breathing.

#### Following skin contact:

In general, no harm. If skin irritation or rash occurs, wash with plenty of soap and water. Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

#### Following eye contact:

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.

#### Following ingestion:

Call a POISON Center or doctor/physician if you feel unwell. Rinse mouth.

#### Information for doctor:

No information available.

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Report No.: DGC211224008LE01      Date: Dec. 30, 2021      Page 4 of 8

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## 4.2 Most important symptoms and effects, both acute and delayed

No information available.

## 4.3 Indication of any immediate medical attention and special treatment needed

No information available.

## Section 5 – Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing agents:** Use dry chemical, carbon dioxide, alcohol resistant foam or water spray.

**Unsuitable extinguishing agents:** No information available.

### 5.2 Special hazards arising from the substance or mixture

No information available.

### 5.3 Advice for firefighters

Fire-fighters should wear appropriate breathing apparatus and protective equipment. Prevent fire-fighting water from entering surface water or groundwater.

## Section 6 - Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment as required.

### 6.2 Environmental precautions

Avoid release to the environment. Avoid discharge into drains, surface water or groundwater.

### 6.3 Methods and material for containment and cleaning up

Absorb with earth, sand or other non-combustible material and transfer to container.

### 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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Report No.: DGC211224008LE01      Date: Dec. 30, 2021      Page 5 of 8

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## Section 7 - Handling and Storage

### 7.1 Handling

Use personal protective equipment as required. Do not get in eyes.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, well-ventilated place.

### 7.3 Specific end use(s)

No information available.

## Section 8 - Exposure controls/personal protection

### Exposure controls

**Appropriate engineering controls:** Provide local exhaust or process enclosure ventilation system.

**Respiratory protection:** Generally no special protection is required

**Skin protection:** Generally no special protection is required

**Eye and face protection:** Generally no special protection is required.

**Body protection:** Generally no special protection is required

**Environmental exposure controls:** Avoid release to the environment. Avoid discharge into drains, surface water or groundwater.

**Other protection:** Attention to personal hygiene.

## Section 9 - Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

<b>Appearance:</b>	Solid
<b>Colour:</b>	white
<b>Odour:</b>	Non pungent smell

### Other information:

**9.2 Additional information:** No data available.

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Report No.: DGC211224008LE01

Date: Dec. 30, 2021

Page 6 of 8

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## Section 10 - Stability and Reactivity

### 10.1 Reactivity

Stable under recommended storage and handling conditions.

### 10.2 Chemical stability

Stable under normal conditions of use, storage and transport.

### 10.3 Possibility of hazardous reactions

No dangerous reactions known.

### 10.4 Conditions to avoid

Avoid flames, sparks, and other sources of ignition.

### 10.5 Incompatible materials

Strong acid, strong alkali, strong oxidizing materials.

## Section 11 - Toxicological Information

**Acute toxicity:** No information available.

**Skin corrosion/irritation:** No information available.

**Serious eye damage/irritation:** No information available.

**Respiratory or skin sensitization:** No sensitizing effects known.

**Toxicokinetics, metabolism and distribution:** No information available.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):** No information available.

## Section 12 - Ecological Information

### 12.1 Toxicity

**Acquatic toxicity:** No further relevant information available.

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## 12.2 Persistence and degradability

No further relevant information available.

## 12.3 Bioaccumulative potential

No further relevant information available.

## 12.4 Mobility in soil

No further relevant information available.

## 12.5 Results of PBT and vPvB assessment

PBT: No information available.

vPvB: No information available.

## 12.6 Other adverse effects

No information available.

## Section 13 - Disposal Considerations

### 13.1 Waste treatment methods

Dispose in accordance with all applicable regional and local laws and regulations.

## Section 14 - Transport Information

### 14.1 UN-Number

ADR/RID/ADN, IMDG, IATA      Not applicable

### 14.2 UN proper shipping name

ADR/RID/ADN, IMDG, IATA      Not applicable

### 14.3 Transport hazard class (es)

ADR/RID/ADN, IMDG, IATA

Class      Not applicable

Label      Not applicable

### 14.4 Packing group

ADR/RID/ADN, IMDG, IATA      Not applicable

14.5 Environmental hazards      Not applicable

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Report No.: DGC211224008LE01

Date: Dec. 30, 2021

Page 8 of 8

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14.6 Special precautions for user Not applicable

14.7 Transport in bulk according to Annex II of

Marpol and the IBC Code Not applicable

UN "Model Regulation": Not applicable

## Section 15 - Regulatory Information

No information available.

## Section 16 - Additional Information

Reference: N/A

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