



Material Safety Data Sheet (MSDS)

According to ISO 11014-2009

Report No.: DGC211224008LE01 Date: Dec. 30, 2021

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Product Name: Warmer patch, HEAT PADS

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Issue date: Dec. 30, 2021

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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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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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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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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

Appearance: Solid

Colour: white

Odour: Non pungent smell

Other information:

9.2 Additional information: No data available.

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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 Not applicable

Class

Not applicable

Label

Not applicable

14.4 Packing group

ADR/RID/ADN, IMDG, IATA Not applicable

14.5 Environmental hazards

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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

DISCLAIMER OF LIABILITY

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