

SAFETY DATA SHEET

Product Name : Warmer Patch
(Toe Warmer /Hand Warmers /Foot Warmers/Heat Pack)

Applicant : Hebei Feifan Biotechnology Co.,Ltd.

Address : North of Anxia Village ,Zhengding County, Shijiazhuang City,
Hebei Province, China

Signed by Shanghai OUTAO Testing Technology Service Co., Ltd

Written by : Preeti Deng

Date: Jun.05th, 2024

Shanghai OUTAO Testing Technology Service Co., Ltd
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SAFETY DATA SHEET**Section 1 – Chemical Product and Company Identification**

Product name	Warmer Patch (Toe Warmer /Hand Warmers /Foot Warmers/Heat Pack)
Model	9.5*13cm; 8*10cm; 8*9cm; 7*9.5cm; 8*20cm; 8*23cm; 14*20cm; 5.5*9cm; 7*9.5cm; 7.5*23cm; 8*24cm; 8.5*25cm; 9*52cm; 15*106cm; 9.5*14cm; 9.5*20cm; 12*14cm; 13.5*16cm; 11.5*20cm; 14*20cm; 12*12cm;12*16.5cm;12*20cm
Applicant	Hebei Feifan Biotechnology Co.,Ltd.
Address	North of Anxia Village ,Zhengding County, Shijiazhuang City, Hebei Province, China
Manufacturer	Hebei Feifan Biotechnology Co.,Ltd.
Address	North of Anxia Village ,Zhengding County, Shijiazhuang City, Hebei Province, China
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Information in case of emergency	
Contact	Mr. Zhang
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Section 2 – Hazards Identification

2.1 Classification of the substance or mixture

Classification acc. to Regulation (EC) No 1272/2008/EC (CLP/GHS)

Product definition: Mixture

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label Elements

Symbol(s)

Signal Words

/

Hazard statement

PHYSICAL HAZARDS:

H228: Flammable solid [Danger Self-heating substances and mixtures]

HEALTH HAZARDS:

It classified as an health hazard under CLP/GHS , hazard level: 2

H251:Self-heating; May catch fire [Danger Self-heating substances and mixtures]

H319:Cause serious eye irritation [Warning Serious eye damage / eye irritation]

ENVIRONMENTAL HAZARDS:

Not classified as an environmental hazard under CLP/GHS criteria.

GHS Precautionary Statement Codes

Precautionary measures

P210, P235, P240, P241, P264+P265, P280, P305+P351+P338, P337+P317, P370+P378, P407, P410, P413, and P420

Isolate spill or leak area for at least 25 meters in all directions.

Incident response

Not applicable

Storage

Store in a cool, dry, well-ventilated place.Keep away from strong oxidants, strong bases, strong acids, Store water and halogen and combustible materials .

Waste disposal

P501: Disposal of products and their packaging containers shall be at the appropriate with the local or national law

2.3 Other hazards

The decomposition of material may cause the irritation of eyes , respiratory tract.

Section 3 – Composition/Information on Ingredient

3.1 Mixture information

Composition	CAS No.	EINECS	Molecular Formula	Conc./ %	Molecular Weight%
Iron powder	7439-89-6	231-096-4	Fe	60%	55.84g/mol
Water	7732-18-5	231-791-2	H2O	22%	58.44g/mol
Activated carbon	7440-44-0	231-153-3	C	8%	12.012g/mol
Vermiculite	1318-00-9	603-518-0	AlFeH3MgO6Si-3	8%	234.24g/mol
Inorganic salt	7647-14-5	231-598-3	NaCl	2%	58.44g/mol

3.2 Substance information

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Section 4 – First Aid Measures

4.1 Description of first aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
Skin contact	It is skin-contacted item, it will not cause the skin irritation. Flush skin with plenty of soap and water when contact the contents. If the irritation persists or develops, get medical aid.
Eye contact	Rinse cautiously with flowing water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, Get medical advice/attention.
Ingestion	In case swallowed it, rinse with water. Get medical advice/attention if you feel unwell.
Protection of first-aiders	N. A

4.2 Most important symptoms and effects, both acute and delayed potential acute health effects

Inhalation	There are no obvious known effects or serious hazards
Skin contact	There are no obvious known effects or serious hazards
Eye contact	There are no obvious known effects or serious hazards
Ingestion	There are no obvious known effects or serious hazards

4.3 Indication of the immediate medical attention and special treatment needed

Notes to physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	No specific treatment

Section 5 – Fire Fighting Measures

Specific hazards	It is "flammable" or "combustible", this product will burn if ignited.
Flash point	No data available
Ignition Temperature	No data available
Explosive Limits:	No data available
Hazardous decomposition materials (under fire condition)	Carbon dioxide, carbon monoxide
Suitable extinguishing media	Dry chemical powder, sandy soil
Specific methods	Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so.
Special protective equipment for firefighters	Proper protective equipment including breathing apparatus must be worn when approaching a fire in a confined space.

Section 6 – Accidental Release Measures

Avoid contact with spilled or released material. For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on

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disposal. Observe the relevant local and international regulations.

**Personal precautions,
protective equipment and
emergency procedures:**

**Environmental precautions
Methods and materials for
containment and cleaning up
Additional Advice**

No special precautions, avoid contact with fire and high temperature. Avoid excessive contact with the eyes.

Prevent from spreading or entering drains, ditches or rivers. Gather them. Sweep up in a construction waste container. Flush residual area with water. Fire-extinguishing devices should be prepared in case of a fire. Local authorities should be advised if significant spillages cannot be contained

Section 7 – Handling and Storage

Handling

During processing of the product, small amounts of volatile hydrocarbons may be released. Provide adequate ventilation. Local exhaust ventilation maybe necessary. Avoid inhalation of contents leaked. Dust from the product gives a potential risk of dust explosion.

Storage

Separated from strong oxidants, strong bases, strong acids, water and halogens, combustible materials. Store in cool, dry, well-ventilated location.

Section 8 – Exposure Controls, Personal Protection

Engineering controls

Engineering controls such as source enclosure (ie, isolating the generation source from the worker) and local exhaust ventilation systems should be effective for capturing airborne nanoparticles. 8 Hour Time Weighted Average: 0.05 mg/m³ (Construction & Maritime Industries)

**Exposure limits(OSHA
Recommandations)**

Personal protective equipment

Wear positive pressure self-contained breathing apparatus, which approved under appropriate government standards and follow local and national regulations.

Respiratory protection

Wear positive pressure self-contained breathing apparatus

Hand protection

Impervious gloves.

Eye / Face protection

Safety glasses with side shields or goggles.

Skin and body protection:

Wear the protective gloves, protective clothing, protective boots.

Section 9 – Physical and Chemical Properties

Physical appearance(20°C)

Black powder packed in non-wovened fabric bag.

Odor

Odorless

Odor threshold

No data available

pH

No data available

Boiling point/range

No data available

Melting point/range

No data available

Flash Point

No data available

Explosion Limits

Lower

No data available

Upper

No data available

Ignition Temperature

No data available

Vapour Pressure

No data available

Vapour Density

No data available

Density
Solubility

No data available
Insoluble in water

Section 10 – Stability and Reactivity

Stability

The product itself does not burn but may decompose by the heating and water-sensitive to produce corrosive and/or toxic fumes. If contact with metals may evolve flammable hydrogen gas.

Reactivity

It may decompose by the heating and water-sensitive.

Conditions to avoid

Heat, ignition sources, water, incomparable materials.

Incompatible materials

strong oxidants, strong bases, strong acids, water and halogens, combustible materials.

Hazardous decomposition products

Carbon dioxide, carbon monoxide and iron oxides

Section 11 – Toxicological Information

Acute Toxicity

No data available

Skin corrosion/irritation

May exist dermatitis

Serious eye damage/irritation

May cause the eye irritant

Respiratory Irritation

The continued exposure may cause asthmatic.

Respiratory or Skin

Inhalation may cause throat irritation resulting in coughing or sneezing and may aggravate pre-respiratory conditions.

Sensitisation

Aspiration may cause throat irritation resulting in coughing or sneezing and may aggravate pre-respiratory conditions.

Aspiration Hazard

Germ cell mutagenicity:

No data available

Carcinogenicity

No data available

IARC =

No data available

NTP =

No data available

Reproductive toxicity

No data available

Section 12 – Ecological Information

Ecotoxicity

No data available

Fish

No data available

Crustacea

No data available

Algae

No data available

Persistence/ degradability

No data available

Bioaccumulative potential

No data available

(BCF)

Mobility in soil

No data available

Section 13 – Disposal Considerations

Material Disposal

Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Do not dispose into the environment, in drains or in water courses.

Container Disposal

Dispose in accordance with prevailing regulations, preferably to a recognised collector or contractor. The competence of the collector

Local Legislation

or contractor should be established beforehand.
Disposal should be in accordance with applicable regional, national, and local laws and regulations.

Section 14 – Transport Information**Land transport (as per ADR/RID classification)**

This substance is not classified as dangerous under ADR/RID regulations.

Inland waterways transport (ADN)

This substance is not classified as dangerous under ADN regulations.

Sea transport (IMDG)

This substance is not classified as dangerous under IMDG regulations.

Air transport (IATA)

This substance is not classified as dangerous under IATA regulations.

DOT (US)

This substance is not classified as dangerous under DOT regulations.

Section 15 – Regulatory Information

This product is not regulated as a dangerous substance, for details regulations you should contact the appropriate agency in your country.

All components are not considered as dangerous substances on the TSCA inventory.

All components are not considered as dangerous substances on the IECSC inventory.

European/International Regulations**European Labeling in Accordance with EC Directives**

Risk Phrases Not applicable

Safety Phrases Not applicable

Section 16 – Additional Information

SDS Creation Date: Jun.05th, 2024

This SDS was prepared sincerely on the basis of the information we could obtained, however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority. Products are supposed to be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be used far behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of "having unknown hazards and toxicity", which differ greatly depending on the conditions and handling when in use and/or the conditions and duration of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user's own responsibility.

End of Report