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| Title: | Ice Pack Safety Data Sheet | | |
| Issuing Date | 04-Jul-2018 | Revision Date | 04-Jul-2018 |
| | | Revision Number | 1 |

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name ICE PACK
Recommended Use Cold compress bag for body or product

Supplier Address PLANET (Suzhou) Medical Products Co.,Ltd
 No.33 Qinglian Road Xuguan Industrial Park Suzhou Hi-Tec Development Zone
 Suzhou 215151 China

2. HAZARDS IDENTIFICATION

Emergency Overview May cause skin frostbite
Appearance Clear **Physical State** liquid **Odor** No information available
Potential Health Effects
Principle Routes of Exposure Skin contact.

Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008
 The product is not classified according to the CLP regulation.

Information concerning particular hazards for human and environment:

The product has not to be labelled due to the calculation procedure of Regulation 1272/2008/EC.

Classification system:

The classification is according to the latest edition of EU Regulation 1272/2008/EC, and extended by company and literature data.

Label elements

Labelling according to Regulation (EC) No 1272/2008 Not applicable

Acute Toxicity

Skin May Cause irritation
Inhalation No known effect based on information supplied.
Ingestion No hazard from product as supplied.

Chronic Effects

No known effect based on information supplied.

Aggravated Medical Conditions

None known.

Environmental Hazard

See Section 12 for additional Ecological Information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS-No | Weight % |
|------------------|-----------|----------|
| Water | 7732-18-5 | 50 |
| Ammonium Nitrate | 6484-52-2 | 50 |



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4. FIRST AID MEASURES

| | |
|---------------------------|---|
| Eye Contact | Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician. |
| Skin Contact | Remove contaminated clothing and rinse thoroughly with water |
| Inhalation | Move to fresh air. If symptoms persist, call a physician. |
| Ingestion | Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician. |
| Notes to Physician | Treat symptomatically. |

5. FIRE-FIGHTING MEASURES

| | |
|---|---|
| Flammable Properties | Not flammable. |
| Suitable Extinguishing Media | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Hazardous Combustion Products | Carbon oxides. |
| Explosion Data | |
| Sensitivity to Mechanical Impact | No. |
| Sensitivity to Static Discharge | No. |

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA **Health Hazard** 1 **Flammability** 0 **Stability** 0 **Physical and Chemical Hazards** -



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6. ACCIDENTAL RELEASE MEASURES

| | |
|--|---|
| Personal Precautions | Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation Use respiratory protective device against the effects of fumes/dust/aerosol. Avoid contact with eyes. |
| Environmental Precautions | Refer to protective measures listed in Sections 7 and 8. |
| Methods for Containment and Cleaning Up | Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. |
| 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. |

7. HANDLING AND STORAGE

| | |
|-----------------|--|
| Handling | Ensure good ventilation/exhaustion at the workplace. Keep receptacles tightly sealed. Keep away from heat and direct sunlight. Prevent formation of aerosols. Avoid contact with eyes. For the general occupational hygienic measures refer to section 8. Information about fire - and explosion protection: Normal measures for preventive fire protection |
| Storage | Requirements to be met by storerooms and receptacles: Store in a cool location Store only in the original receptacle. Information about storage in one common storage facility: Store away from foodstuffs Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles |

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Based on composition shown in Section 3, the following measures are suggested for occupational safety measure.

Engineering Measures

See Section 7 for information about design of technical facilities.

Personal Protective Equipment**Eye Protection**

Tightly sealed goggles

Hands Protection

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Respiratory Protection

Respiratory protection: Suitable respiratory protective device recommended.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---|----------------------------|---------------------------------|--------------------------|
| Appearance | Clear | Odor | No |
| Odor Threshold | No | Physical State | liquid |
| pH | 4.5-6.0 | Autoignition Temperature | No information available |
| Flash Point | 210°C | Boiling Point/Range | 210°C |
| Decomposition Temperature | No information available | Explosion Limits | No information available |
| Melting Point/Range | 169.6°C | Solubility | No information available |
| Flammability Limits in Air | No information available | Vapor Pressure | No data available |
| Water Solubility | 190g (20°C) , 421g (60°C) | VOC Content (%) | Not applicable |
| Evaporation Rate | No information available | | |
| Vapor Density | No data available | | |
| Partition Coefficient: n-octanol/water | No information available | | |



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10. STABILITY AND REACTIVITY

| | | |
|---|--|----------------|
| Stability | Stable under recommended storage conditions. | |
| Incompatible Products | No further relevant information available | |
| Conditions to Avoid | No information available | |
| Hazardous Decomposition Products | No information available | Carbon oxides. |
| Hazardous Polymerization | No dangerous decomposition products known | |

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information

| | |
|--------------------------------------|-------------------------|
| LD50 Oral VALUE | 4820mg/kg (Rat's mouth) |
| LD50 Dermal VALUE | |
| LC50 Inhalation (DUST) VALUE | |
| LC50 Inhalation (VAPOR) VALUE | |

Chronic Toxicity

| | |
|-----------------------------|--|
| Chronic Toxicity | No known effect based on information supplied. |
| Target Organ Effects | None known. |

12. ECOLOGICAL INFORMATION

| | |
|---|---|
| Aquatic toxicity | No information available |
| Mobility in soil | No information available |
| Aquatic toxicity | No information available |
| Persistence and degradability | No information available |
| Bioaccumulative potential | No information available |
| Results of PBT and vPvB assessment | PBT: Not applicable. vPvB: Not applicable. |



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13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

| | |
|-----------------|---------------|
| <u>DOT</u> | NOT REGULATED |
| <u>TDG</u> | Not regulated |
| <u>MEX</u> | Not regulated |
| <u>ICAO</u> | Not regulated |
| <u>IATA</u> | Not regulated |
| <u>IMDG/IMO</u> | Not regulated |



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15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

MAK (German Maximum Workplace Concentration)

None of the ingredients is listed.

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

National regulations:

Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

Other regulations, limitations and prohibitive regulations

SVHC Candidate List of REACH Regulation Annex XIV Authorisation (17/12/2014)

None of the ingredients is listed.

REACH Regulation Annex XVII Restriction (2/3/2015)

See Section 16 for information about restriction of use.

None of the ingredients is listed.

REACH Regulation Annex XIV Authorization List (14/8/2014)

None of the ingredients is listed.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

Prepared By

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Revision Note No information available

General Disclaimer

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End of Safety Data Sheet