

SECTION 1: Identification of the substance /mixture and of the company/undertaking

1.1. Product identifier

Product Name Hot Cold Pack
CAS No Not applicable

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

Recommended Use For physical therapy
Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Supplier Shanghai Chuangshi Medical Technology (Group) Co.,Ltd
Address No.388 Zhangliantang Road, Qingpu District, Shanghai 201716
Postal Code
Phone +86-21-31166566
FAX +86-21-31166570
E-mail Yan.he@shchuangshi.com.cn

Importer
Address
Postal Code
Phone
FAX
E-mail



1.4. Emergency telephone number



SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC
Not classified

2.2. Label elements

Symbols/Pictograms None
Signal word None
Hazard Statements Not applicable
Precautionary Statements Not applicable

2.3. Other hazards

No information available

SECTION 3: Composition/information on ingredients

3.1 Substance

| Chemical Name | EC No | CAS No | Weight-% | Classification according to Directive 67/548/EEC or 1999/45/EC | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|-----------|------------|-----------------|--|--|
| Water | 231-791-2 | 7732-18-5 | 52.4985-79.8985 | Not classified | Not classified |
| Glycerol | 200-289-5 | 56-81-5 | 20-45 | Not classified | Not classified |
| Carbomer | 616-286-0 | 76050-42-5 | 0.1-2.5 | Not classified | Not classified |
| Mixture, 3(2H)-isothiazolone, 5-chloro-2-methyl- with 2-methyl-3(2H)-isothiazol one | 611-341-5 | 55965-84-9 | 0.0015 | T; R23/24/25 C; R34 R43 N; R50-53 | Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 3 (H331) Skin Corr. 1B (H314) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) |

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice

Remove contaminated clothing and shoes. If symptoms persist, call a physician.

Inhalation

IF INHALED: 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

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.

Eye contact

IF IN EYES: 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.

Ingestion

Rinse mouth. Get medical attention. Never give anything by mouth to an unconscious person

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

No information available

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapors

5.3. Advice for firefighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas
 Ensure adequate ventilation, especially in confined areas
 Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area)
 Avoid contact with skin, eyes or clothing
 Do not breathe vapors
 Use personal protection recommended in Section 8
 Wash thoroughly after handling

6.2. Environmental precautions

Local authorities should be advised if significant spillages cannot be contained
 Prevent entry into waterways, sewers, basements or confined areas

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13)

6.4. Reference to other sections

See Section 7 for more information
 See section 8 for more information
 See section 13 for more information

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Handle in accordance with good industrial hygiene and safety practice
 Ensure adequate ventilation, especially in confined areas
 Avoid contact with skin, eyes or clothing
 Wash contaminated clothing before reuse
 Do not breathe vapors
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking
 Do not eat, drink or smoke when using this product
 Use personal protection recommended in Section 8
 Wash thoroughly after handling

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place
 Keep away from heat, sparks, flame and other sources of ignition
 Keep locked up and out of reach of children
 Keep away from food, drink and animal feeding stuffs
 Store in accordance with local regulations

7.3. Specific end use(s)

Apart from the uses mentioned in SECTION 1.2 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

| Chemical Name | Australia | Austria | Belgium | Denmark | European Union |
|--|----------------------|-------------------------------------|---------|---------|----------------|
| Glycerol (CAS #: 56-81-5) | 10 mg/m ³ | - | - | - | - |
| Mixture, 3(2H)-isothiazolone, 5-chloro-2-methyl- with 2-methyl-3(2H)-isothiazolone (CAS #: 55965-84-9) | - | Skin TWA: 0.05 mg/m ³ | - | - | - |

Derived No Effect Level (DNEL)

No information available.

Predicted No Effect Concentration (PNEC)

No information available.

8.2. Exposure controls**Engineering Controls**

Ensure adequate ventilation, especially in confined areas. Showers. Eyewash stations. Remove all sources of ignition.

Personal protective equipment

Eye/face protection

Avoid contact with eyes

Hand Protection

Wear protective gloves

Skin and body protection

Suitable protective clothing

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls

Do not allow into any sewer, on the ground or into any body of water

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties****Appearance**

Gel

Color

No information available

Odor

Odorless

Odor Threshold

Not determined

pH

Not determined

Melting point/freezing point

Not determined

Boiling point / boiling range

Not determined

Flash point

Not applicable

Evaporation rate

Not determined

Flammability

Not flammable

Flammability Limit in Air

Not applicable

Vapor Pressure

Not determined

Vapor density

Not applicable

Density

Not determined

Relative density

Not determined

Specific gravity

Not determined

Water solubility

Not determined

Partition coefficient (LogPow)

Not determined

Autoignition temperature

Not applicable

Decomposition temperature

Not determined

Kinematic viscosity

Not determined

Dynamic viscosity

Not determined

Explosive properties

Not an explosive

Oxidizing properties

Not determined

9.2. Other information

No information available

SECTION 10: Stability and reactivity**10.1. Reactivity**

No information available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

None under normal use conditions

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|------------|-------------|-----------------|
| Mixture, 3(2H)-isothiazolone, 5-chloro-2-methyl- with 2-methyl-3(2H)-isothiazolone (CAS #: 55965-84-9) | = 53 mg/kg | - | - |

Skin corrosion/irritation

May cause skin irritation in susceptible persons.

Serious eye damage/eye irritation

May cause eye irritation in susceptible persons.

Sensitization

No sensitization responses were observed.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Reproductive toxicity

No information available.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Aspiration hazard

No information available.

SECTION 12: Ecological information**12.1. Toxicity**

| Chemical Name | Algae/aquatic plants EC50 | Fish LC50 | Crustacea EC50 |
|--|---------------------------|----------------|-----------------|
| Mixture, 3(2H)-isothiazolone, 5-chloro-2-methyl- with 2-methyl-3(2H)-isothiazolone (CAS #: 55965-84-9) | - | = 1.6 mg/L/96H | = 4.71 mg/L/48H |

12.2. Persistence and degradability

CENTRE TESTING

INTERNATIONAL CORPORATION

Build C, Hongwei Industrial Zone, Baoan 70 District, Shenzhen China

www.cti-cert.com

E-mail: info@cti-cert.com



Hotline

400-6788-333

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

PBT/vPvB assessment information is not available as chemical safety assessment not conducted.

12.6. Other adverse effects

No information available

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

| | |
|-------------------------------------|--|
| Waste from residues/unused products | Disposal should be in accordance with applicable regional, national and local laws and regulations |
| Contaminated packaging | Disposal should be in accordance with applicable regional, national and local laws and regulations |

SECTION 14: Transport information

| | |
|--|--------------------------|
| 14.1 UN Number | Not regulated |
| 14.2 Proper shipping name | Not regulated |
| 14.3 Hazard Class | Not regulated |
| 14.4 Packing Group | Not regulated |
| 14.5 Environmental hazards | Non-marine pollutant |
| 14.6 Special precautions | No information available |
| 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable |

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Take note of Directive 94/33/EC on the protection of young people at work

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

International Inventories

| Component | TSCA | DSL/NDL | EINECS/ELI NCS | ENCS | IECSC | KECL | PICCS | AICS |
|--|------|---------|-------------------|--------|-------|------|-------|------|
| Water 7732-18-5 (52.4985-79.8985%) | X | X | X | Expect | X | X | X | X |
| Glycerol 56-81-5 (20-45%) | X | X | X | X | X | X | X | X |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Carbomer 76050-42-5 (0.1-2.5%) | - | X | - | - | X | - | X | - |
| Mixture, 3(2H)-isothiazolone, 5-chloro-2-methyl- with 2-methyl-3(2H)-isoth iazolone 55965-84-9 (0.0015%) | - | X | - | X | X | X | X | - |

"-" Not Listed

"X" Listed

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

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Revision Note Not applicable

Key or legend to abbreviations and acronyms used in the safety data sheet

TWA - TWA (time-weighted average)

STEL - STEL (Short Term Exposure Limit)

Ceiling - Maximum limit value

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

Full text of H-Statements referred to under section 3

H301 - Toxic if swallowed

H311 - Toxic in contact with skin

H331 - Toxic if inhaled

H314 - Causes severe skin burns and eye damage

H317 - May cause an allergic skin reaction

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

Full text of R-phrases referred to under sections 2 and 3

R23 - Toxic by inhalation

R24 - Toxic in contact with skin

R25 - Toxic if swallowed

R34 - Causes burns

R43 - May cause sensitization by skin contact

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling,

use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

----- End of Safety Data Sheet -----