Safety Data Sheet (SDS)

SAFETY DATA SHEETS
For
Reusable Hot and Cold Compress

Samples Name: Reusable Hot and Cold Compress

Client Name: Danyang Rapid Aid Hot And Cold Therapy Products Co.,Ltd.
Client Address: Glasses Industrial Park,Danfu Road,Danyang,Jiangsu,China

HUANG Qinglai, Owen
For and on behalf of
STC(Shanghai) Company Limited

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Safety Data Sheet(SDS)

Complies with 91/155/EEC, 1907/2006 (REACH) and amendments, OSHA's Hazard Communication Standard, 29 CFR 1910.1200; and the requirements of the U.S. Department of Labor Occupational Safety & Health Administration.

Regulatory Status:
This preparation is not classified as dangerous according to U.S. OSHA 29 CFR 1910.1200; E.C. Directive 1999/45/EC; Canadian R.S. 1985, c. H-3; U.K. CHIP 2002 No. 1689; and/or U.N. GHS ST/SG/AC 10/30.
None of the components present in this preparation at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

SECTION 1: PRODUCT IDENTIFICATION

1.1 Product identifier:
Reusable Hot and Cold Compress
1.2 Recommended use and restrictions on use:
Recommended use:
Reusable compress for hot and cold therapy
1.3 Supplier's details:
Manufacturer：Danyang Rapid Aid Hot And Cold Therapy Products Co.,Ltd.
Address：Glasses Industrial Park,Danfu Road,Danyang,Jiangsu,China
Telephone：0511-88013011

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:
The product is not classified as dangerous according to U.S. OSHA 29 CFR 1910.1200; E.C. Directive 1999/45/EC; Canadian R.S. 1985, c. H-3; U.K. CHIP 2002 No. 1689; and/or U.N. GHS ST/SG/AC 10/30.
GHS LABEL ELEMENTS: The substance is classified and labeled according to the Globally Harmonized System (GHS).
HAZARD PICTOGRAMS & SIGNAL WORD
This product is not a hazardous article and need not be labelled
HAZARD-DETERMINING COMPONENTS OF LABELING:
None
HAZARD STATEMENTS:
None
PRECAUTIONARY STATEMENTS:
Prevention
None
Response
None
Storage
None
Disposal
None.

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CLASSIFICATION SYSTEM: NFPA DEFINITIONS: 0-LEAST, 1-SLIGHT, 2-MODERATE, 3-HIGH, 4-EXTREEM

NFPA RATING DIAMOND (SCALE 0-4):
HEALTH=1
FIRE=0
REACTIVITY=0

HMIS-RATINGS (SCALE 0-4):

HEALTH :	**1**
FIRE :	**0**
REACTIVITY:	**0**

SECTION 3: COMPOSITION INFORMATION

COMPOSITION: *Mixture consisting of the following components*

IUPAC	Concentration (weight percent, %)	MOLECULAR FORMULA	IDENTIFIERS
Water	50-70	H_2O	CAS: 7732-18-5
Glycerine	20-40	$C_3H_8O_3$	CAS: 56-81-5
Polymer	1-5	——	CAS: 9003-04-7
Preservative	0.05-0.1	$C_8H_8O_3$	CAS:99-76-3
Preservative	0.05-0.1	$C_6H_7KO_2$	CAS: 590-00-1

SECTION 4: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

GENERAL INFORMATION: If medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

PRIMARY ROUTES OF ENTRY: Eye and skin contact; ingestion; inhalation.

AFTER INHALATION: Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately.

AFTER SKIN CONTACT: Take off contaminated clothing and shoes. Wash off with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.

AFTER EYE CONTACT: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.

AFTER SWALLOWING: Rinse mouth with plenty of water , Make victim drink plenty of water.Do not induce vomiting. Get medical attention if more than 10 grams has been swallowed.

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MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:
No information available

SECTION 5: FIRE & EXPLOSION HAZARD DATA

GENERAL INFORMATION: Non flammable liquid

FLASH POINT: No information available

AUTOIGNITION TEMPERATURE: No information available

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, alcohol-resistant foam

SPECIAL FIRE FIGHTING PROCEDURES:NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustion of vapor and liquid may produce carbon monoxide, carbon dioxide and other hazardous gases.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

1、Remove all sources of ignition. Ensure adequate ventilation. Take precautionary measures against static discharges.
2、Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment. Avoid breathing vapors and contacting with skin and eyes.
3、Wear protective clothing, gloves, safety glasses and dust respirator.

SPILL AND LEAK PROCEDURES:

1、Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.
2、Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.
3、Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

ENVIRONMENTAL PRECAUTIONS:

1、Prevent further leakage or spillage if safe to do so.
2、Do not let product enter drains.

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SECTION 7: HANDLING & STORAGE

PRECAUTIONS FOR SAFE HANDLING & STORAGE:

Protective measures
Handling is performed in a well ventilated place.
Wear suitable protective equipment.
Avoid contact with skin and eyes. Avoid inhalation of vapors or mist.
Measures to prevent fire
Keep away from sparks/open flames.
Take precautionary measures against static discharges.
Measures to prevent aerosol and dust generation
Not applicable
OTHER PRECAUTIONS:
Wash hands and face after using of the substances
Replace the contaminated clothing immediately.
In addition to use mentioned in the first parts , unforeseen other specific end uses

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use appropriative respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Recommended Filter type: low boiling organic solvent, Type AX, Brown, conforming to EN371.

EYE PROTECTION: Tightly fitting safety goggles (approved by EN 166(EU) or NIOSH (US).

SKIN PROTECTION: Wear protective clothing.

ENGINEERING CONTROLS: Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

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OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None

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SECTION 9: PHYSICAL/CHEMICAL CHARACTERISTICS

pH:	Not applicable
Boiling Point:	No information available
Freezing Point:	No information available
Specific Gravity (H_20 = 1):	No information available
Vapor Pressure (mm Hg):	No information available
Vapor Density (AIR = 1):	No information available
Evaporation Rate (Butyl Acetate = 1):	No information available
Solubility in Water:	Soluble in water
Appearance and Odor:	Liquid

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under proper operation and storage conditions

CONDITIONS TO AVOID: Melts and decomposes when strongly heated

INCOMPATIBILITY (MATERIAL TO AVOID): Strong base , strong acid

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon monoxide

HAZARDOUS POLYMERIZATION: No polymerization

SECTION 11: TOXICOLOGICAL INFORMATION

PRECAUTIONARY STATEMENTS: If medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

POTENTIAL HEALTH EFFECTS:

INHALATION	4hrs LC50 rat:Expected 88mg/L
EYE	Slight eye irritation
SKIN	Very slight skin irritation.
INGESTION	LD50rat:2300mg/kg.
TARGET ORGANS	No information available.

PRIMARY ROUTES OF EXPOSURE Percutaneous、Inhalation

POTENTIAL EFFECTS OF CHRONIC EXPOSURE No information available.

IRRITATION/SENSITIZATION No information available.

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TERATOGENICITY	Based on available data, the classification criteria are not met.
MUTAGENICITY	Based on available data, the classification criteria are not met.
REPRODUCTIVE TOXICITY	Based on available data, the classification criteria are not met.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: No information available.

BIODEGRADABILITY:	No information available.
BIOACCUMULATION:	No information available.
MOBILITY:	No information available.
OTHER ADVERSE EFFECTS:	Polymer does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Before disposal should refer to the relevant national and local laws and regulation.

SECTION 14: TRANSPORT INFORMATION

UN NUMBER
DOT, ADR, IMDG, IATA: Not applicable
UN PROPER SHIPPING NAME
DOT: Not applicable
ADR: Not applicable
IMDG, IATA: Not applicable

TRANSPORT HAZARD CLASS(ES)
The product is not classified as dangerous according to DOT、ADR、IMDG、IATA
HAZARD LABEL: Not applicable
DOT CLASS： Not applicable
LABEL：Not applicable
ADR CLASS： Not applicable
LABEL：Not applicable
IMDG, IATA CLASS：Not applicable
LABEL：Not applicable
PACKING GROUP: Not applicable
PACKING INSTRUCTION: Not applicable
SPECIAL PROVISIONS: Not applicable

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IMDG LIMITED QUANTITY (LQ): Not applicable
EXCEPTED QUANTITIES (EQ): Not applicable
UN MODEL REGULATION:TDG（18th）
ORM-D : Not applicable

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS:

TSCA (TOXIC SUBSTANCE CONTROL ACT): Not listed
CERCLA/SARA - HAZARDOUS SUBSTANCES AND THEIR REPORTABLE QUANTITIES: Not listed
302 EXTREMELY HAZARDOUS SUBSTANCES EPCRA RQS: Not listed
302EXTREMELY HAZARDOUS SUBSTANCES TPQS: Not listed
CERCLA/SARA - 313 - EMISSION REPORTING: Not listed

US STATE REGULATIONS:

CALIFORNIA - 8 CCR SECTION 339 - DIRECTOR'S LIST OF HAZARDOUS SUBSTANCES: Not listed

INTERNATIONAL REGULATIONS:

WATER HAZARD CLASS (GERMANY): Not listed

CANADA
DOMESTIC SUBSTANCES LIST (DSL): Not listed
WHMIS - INGREDIENT DISCLOSURE LIST: Not listed

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SECTION 16: OTHER INFORMATION

Date of Preparation/Last Revision: 02/23/18

FURTHER INFORMATION: This SDS has been prepared in accordance with: 91/155/EEC, 1907/2006 (REACH) and amendments, OSHA's Hazard Communication Standard, 29 CFR 1910.1200; and the requirements of the U.S. Department of Labor Occupational Safety & Health Administration.

DISCLAIMER: The information provided in this Data Safety Sheet has been compiled, in good faith, from our experience and data presented in various technical publications. An SDS for a substance is not primarily intended for use by the general consumer, focusing instead on the hazards of working with the material in an occupational setting. It is believed to be accurate and represents the best information currently available. HOWEVER, STC(Shanghai) Company Limited MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER TYPE, EXPRESSED OR IMPLIED, WITH RESPECT TO PRODUCTS DESCRIBED OR DATA OR INFORMATION PROVIDED, AND WE ASSUME NO LIABILITY RESULTING FROM THE USE OF SUCH PRODUCTS, DATA OR INFORMATION. Users should make their own investigations to determine the suitability of the information for their particular purposes, and the user assumes all risk arising from their use of the material. The user is required to comply with all laws and regulations relating to the purchase, use, storage and disposal of the material, and must be familiar with and follow generally accepted safe handling procedures. In no event shall STC(Shanghai) Company Limited be liable for any claims, losses, or damages of any individual or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if STC(Shanghai) Company Limited has been advised of the possibility of such damages. We reserve the right to update SDS sheets from time to time as new information becomes available. It is the responsibility of the user to verify that they have the latest revision available.

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