



## Safety Data Sheet (SDS)

No.: SP18070435

Date: 2018-08-13

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Name: Reusable Hot and Cold Compress

### MATERIAL DATA SHEETS For Reusable Hot and Cold Compress

**Samples Name:** Reusable Hot and Cold Compress

**Client Name:** Rapid Aid Corp.

**Client Address:** 4120A Sladeview Crescent, Mississauga Ontario, Canada L5L 5Z3

A handwritten signature in black ink that reads "Owen Huang".

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



**STC (Shanghai) Company Limited**

No.130, Huashen Road, Waigaoqiao Free Trade Zone, Shanghai, China (Zip code: 200131)

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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: Chemical Product and Company 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: Rapid Aid Corp.

Address: 4120A Slade view Crescent, Mississauga Ontario, Canada L5L 5Z3

Telephone: 905 820 4788

### Section 2: Hazards 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

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

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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 <sub>2</sub> O	CAS:7732-18-5
Glycerine	20-40	C <sub>3</sub> H <sub>8</sub> O <sub>3</sub>	CAS:56-81-5
Polymer	1-5	---	CAS:9003-04-7
Preservative	0.05-0.1	C <sub>8</sub> H <sub>8</sub> O <sub>3</sub>	CAS:99-76-3
Preservative	0.05-0.1	C <sub>6</sub> H <sub>7</sub> KO <sub>2</sub>	CAS:590-00-1

### SECTION4: FIRST AID MEASURES

#### DESCRIPTION OFFIRSTAID 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:** Nonflammable 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 vapor 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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### SECTION7: 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 in halation 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

#### OTHERPRE CAUTIONS:

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.

### SECTION8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**RESPIRATORY PROTECTION:** Use appropriate 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 EN166(EU) or NIOSH(US)).

**SKIN PROTECTION:** Wear protective clothing.

**ENGINEERING CONTROLS:** Ensure adequate ventilation, especially in confined areas.

Ensure that eye wash stations and safety showers are close to the workstation location.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None

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### SECTION9: PHYSICAL/CHEMICAL CHARACTERISTICS

<b>pH:</b>	Not applicable
<b>Boiling Point:</b>	No information available
<b>Freezing Point:</b>	No information available
<b>Specific Gravity (H2O=1):</b>	No information available
<b>Vapor Pressure (mmHg):</b>	No information available
<b>Vapor Density (AIR=1):</b>	No information available
<b>Evaporation Rate (Butyl Acetate=1):</b>	No information available
<b>Solubility in Water:</b>	Soluble in water
<b>Appearance and Odor:</b>	Liquid

### SECTION10: 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

### SECTION11: 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
TARGETORGANS	No information available

**PRIMARY ROUTES OF EXPOSURE** Percutaneous, Inhalation

**POTENTIAL EFFECTS OF CHRONIC EXPOSURE** No information available.

**IRRITATION/SENSITIZATION** No information available.

**TERATOGENICITY** Based on available data, the classification criteria are not met.

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**MUTAGENICITY** Based on available data, the classification criteria are not met.

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

### SECTION12: ECOLOGICAL INFORMATION

<b>ECOTOXICITY:</b>	No information available.
<b>BIODEGRADABILITY:</b>	No information available.
<b>BIOACCUMULATION:</b>	No information available.
<b>MOBILITY:</b>	No information available.
<b>OTHER ADVERSE EFFECTS:</b>	Polymer does not meet the criteria for PBT and vPvB according to Regulation (EC) No1907/2006, annex XIII.

### SECTION13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Before disposal should refer to there levant national and local laws and regulation.

### SECTION14: 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

IMDG LIMITED QUANTITY (LQ): Not applicable

EXCEPTED QUANTITIES (EQ): Not applicable

UN MODEL REGULATION: TDG (18th)

ORM-D: Not applicable

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### SECTION15: REGULATORYINFORMATION

#### US FEDERAL REGULATIONS:

TSCA (TOXIC SUBSTANCE CONTROL ACT): Not listed

CERCLA/SARA-HAZARDOUS SUBSTANCES AND THE IRREPORT ABLE QUANTITIES: Not listed 302

EXTREMELY HAZARDOUS SUBSTANCES EPCRA RQS: Not listed

302 EXTREMELY 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:

WATERHAZARDCLASS(GERMANY): Not listed

CANADA

DOMESTIC SUBSTANCES LIST (DSL): Not listed

WHMIS – INGREDIENT DISCLOSURE LIST: Not listed

### SECTION16: OTHERINFORMATION

**Date of Preparation/Last Revision:** 08/01/18

**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.

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\*\*\*\*\* End of Test Report \*\*\*\*\*

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