



## Safety Data Sheet (SDS)

No.: SP24040134  
Name: Instant cold pack

Date: 2024-04-23

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### MATERIAL DATA SHEETS For Instant cold pack

Samples Name: Instant cold pack

**Client Name:** Rapid Aid Corp.  
**Client Address:** 4120A Sladeview Crescent, Mississauga Ontario, Canada L5L 5Z3

*James Chen*

CHEN Lufeng, James  
For and on behalf of  
STC(Shanghai) Company Limited





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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: Product Identification

#### **1.1 Product identifier:**

Instant cold pack

#### **1.2 Recommended use and restrictions on use:**

Recommended use:

Cold application for cold therapy

#### **1.3 Supplier's details:**

Manufacturer: Rapid Aid Corp.

Address: 4120A Sladeview 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.

**The ocular irritation test report(Nucro-Technics' Study No.:292901-1)**

**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=0  
FIRE=0  
REACTIVITY=2

## HMIS-RATINGS (SCALE 0-4):

|            |   |   |
|------------|---|---|
| HEALTH     | : | 0 |
| FIRE       | : | 0 |
| REACTIVITY | : | 2 |

## Section 3: COMPOSITION INFORMATION

**COMPOSITION:** *Mixture consisting of the following components*

| IUPAC                    | Concentration (weight percent, %) | MOLECULAR FORMULA                              | IDENTIFIERS    |
|--------------------------|-----------------------------------|--|----------------|
| Water                    | 40-60                             | H <sub>2</sub> O                               | CAS:7732-18-5  |
| Calcium Ammonium Nitrate | 40-60                             | CaH <sub>4</sub> N <sub>4</sub> O <sub>9</sub> | CAS:15245-12-2 |

## SECTION4: FIRST AID MEASURES

### DESCRIPTION OFFIRST AID MEASURES

- GENERAL INFORMATION:** If medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
- PRIMARY ROUTES OF ENTRY:** 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.
- AFTER SKIN CONTACT:** Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water(and soap if available).
- AFTER EYE CONTACT:** Wash out immediately with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. If pain persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
- AFTER SWALLOWING:** Do not induce vomiting ,gargle with water, get medical attention.

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### **MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:**

No information available.

## **SECTION5: FIRE&EXPLOSION HAZARD DATA**

**GENERAL INFORMATION:** Non flammable liquid

**FLASH POINT:** No information available

**AUTOIGNITION TEMPERATURE:** No information available

**EXTINGUISHING MEDIA:** USE FLOODING QUANTITIES OF WATER

**SPECIAL FIRE FIGHTING PROCEDURES:** DO NOT use dry chemical,CO<sub>2</sub>,foam or halogenated-type extinguishers.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Avoid storage with reducing agents. Avoid any contamination of this material as it is reactive and any contamination is potentially hazardous

**HAZARDOUS DECOMPOSITION PRODUCTS:** Nitrogen oxide.

## **SECTION6: ACCIDENTAL RELESE 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 PROCED URES:**

- 1、 Remove all sources of ignition. Uses park-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 heat/sparks/open flames/hot surfaces.  
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

|  |                          |
|--|--------------------------|
| pH:                                    | Not applicable           |
| Boiling Point:                         | No information available |
| Freezing Point:                        | No information available |
| Specific Gravity (H <sub>2</sub> O=1): | No information available |
| Vapor Pressure (mmHg):                 | 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:                   | Granules and 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):** organic material, oils or charcoals, reducing agent

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** nitrogen oxide

**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   | No information available |
| EYE          | No information available |
| SKIN         | No information available |
| INGESTION    | No information available |
| 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: ECOLOGICALINFORMATION

|                               |                           |
|-------------------------------|---------------------------|
| <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> | No information available. |

### SECTION13: DISPOSALCONSIDERATIONS

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

### SECTION14: TRANSPORTINFORMATION

#### UN NUMBER

DOT, ADR, IMDG, IATA: Not applicable

#### UN PROPER SHIPPING NAME

DOT: Not applicable

ADR: Not applicable

IMDG, IATA: Not applicable

#### TRANSPORT HAZARDCLASS(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

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: REGULATORY INFORMATION

#### 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) :Listed(Calcium Ammonium Nitrate)

CANADA

DOMESTIC SUBSTANCES LIST (DSL): Listed(Calcium Ammonium Nitrate)  
WHMIS – INGREDIENT DISCLOSURE LIST: Listed(Calcium Ammonium Nitrate)

### SECTION16: OTHERINFORMATION

**Date of Preparation/Last Revision:** 04/23/24

**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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