

SAFETY DATA SHEET

Product Description: Instant Heat Pack - 0601301



REF 0601301

SIZE 20cmx15cm

Single Use Only

Made in China

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SECTION 1 — IDENTIFICATION

1.1 GHS PRODUCT IDENTIFIER

Product Name: Instant Heat Pack

Product Code: 0601301

1.2 OTHER MEANS OF IDENTIFICATION

Hot pack, disposable hot pack.

1.3 RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE

Advised uses: The instant heat pack gives soothing effect to rheumatic conditions of joints as well as pain caused by abdomen, stomach, waist, leg, shoulder, neck and nerves.

Restrictions on use:

- (a) Paralytic
- (b) Diabetic peripheral neuropathy
- (c) Sensitive skin
- (d) Anesthetic skin
- (e) Uncovered open wounds

1.4 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Company Identification: MEDSUPPLY AUSTRALIA PTY LTD

Address: 153 Victor Road, Dee Why, Sydney 2099

TEL: 1300 587 200

E-mail: info@med-supply.com.au

1.5 EMERGENCY PHONE NUMBER

TEL: 1300 587 200

SECTION 2 — HAZARDS IDENTIFICATION

2.1 GHS Classification

GHS Regulatory Status

This chemical is not considered hazardous by the UN GHS (the 6th revised edition) .

2.2 GHS Label elements

1) **Signal word:** Not applicable.

2) **Hazard class:** Not applicable.

3) **Hazard pictograms:** No pictogram.

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4) **Hazard statements:** Not applicable.

5) **Precautionary Statements - Prevention:** Not applicable.

6) **Precautionary Statements - Response:** Not applicable.

7) **Storage:** Not applicable.

8) **Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulations (to be specified).

2.3 Other hazards which do not result in classification

Not applicable.

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS #	%(weight)	ACGIH TLV		OSHA	
			TWA	STEL	PEL	STEL
Sodium acetate	6131-90-4	70-90	N/Av	N/Av	N/Av	N/Av
Water	7732-18-5	10-30	N/Av	N/Av	N/Av	N/Av

SECTION 4 — FIRST-AID MEASURES

4.1 Description of necessary first-aid measures

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used.

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Protection of first-aid: None.

4.2 Most important symptoms/effect, acute and delayed

See section 11

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4.3 Indication of immediate medical attention and special treatment needed, if necessary

- 1) **Note to Physicians:** Treat symptomatically.
- 2) **Specific treatments:** No further relevant information available.

SECTION 5 — FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: No information available.

5.2 Specific hazards arising from the mixture: These products are carbon oxides (CO, CO₂).

5.3 Special protective equipment and precautions for fire-fighters

Special protective equipment: Wear self contained breathing apparatus for fire fighting if necessary.

Special protective precautions: Fight fires from a safe distance. Evacuate personnel to safe area. Water spray may be useful in cooling equipment exposed to heat and flame.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures:

- ◆ Remove all sources of ignition. Ensure adequate ventilation.
- ◆ 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.
- ◆ Wear protective clothing, gloves, safety glasses and dust respirator.

6.2 Environmental precautions

- ◆ Prevent further leakage or spillage if safe to do so.
- ◆ Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up:

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. If necessary: Neutralize the residue with a dilute solution of acetic acid. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill: Use a shovel to put the material into a convenient waste disposal container. Neutralize the residue with a dilute solution of acetic acid. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

6.4 Reference to other sections:

See Section 7 for information on safe handling.

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See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7 — HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING.

Handling: Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids.

Information about fire - and explosion protection: Normal measures for preventive fire protection.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Requirements to be met by storerooms and receptacles: Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Do not store near acids.

Information about storage in one common storage facility: Do not store near acids.

Further information about storage conditions: No further relevant information available.

Specific end use(s): No further relevant information available.

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

ADDITIONAL INFORMATION ABOUT DESIGN OF TECHNICAL FACILITIES: NO FURTHER DATA; SEE ITEM 7.

8.1 Exposure controls

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

8.2 Appropriate engineering controls

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

8.3 Personal protective equipment

8.3.1 Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standards.

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8.3.2 Skin protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

8.3.3 Respiratory protection: None required where adequate ventilation conditions exist. If airborne concentrations are above the applicable exposure limits, use NIOSH-approved respiratory protection.

8.3.4 Other Protection: Do not let product enter drains.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

- (a) **Appearance (physical state, color, etc.):** Solution
- (b) **Odor:** Odorless to acetic
- (c) **Odor threshold:** No information found.
- (d) **pH:** ≈ 9
- (e) **Melting point/freezing point:** No information found.
- (f) **Initial boiling point and boiling range:** No information found.
- (g) **Flash point:** No information found.
- (h) **Evaporation rate:** No information found.
- (i) **Flammability (solid, gas):** No information found.
- (j) **Upper/lower flammability or explosive limits:** No information found.
- (k) **Vapor pressure:** No information found.
- (l) **Vapor density:** No information found.
- (m) **Relative density:** No information found.
- (n) **Solubility(ies):** No information found.
- (o) **Partition coefficient: n-octanol/water:** No information found.
- (p) **Auto-ignition temperature:** No information found.
- (q) **Decomposition temperature:** No information found.
- (r) **Viscosity:** No information found.

SECTION 10 — STABILITY AND REACTIVITY

10.1 Reactivity: No information found.

10.2 Chemical Stability: Unstability, easy crystallization.

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10.3 Possibility of hazardous reactions

Hazardous Polymerization: Not expected under prescribed storage and handling conditions. Decomposition may occur at extremely high temperatures.

10.4 Conditions to avoid: Avoid shock cooling.

10.5 Incompatible materials : Ethoxy ethyl alcohols, arsenates, phosphates, tartrates, lead, barium, strontium and calcium, strong oxidizers.

10.6 Hazardous decomposition Products: No dangerous decomposition products known.

10.7 Incompatibilities with Other Materials: No further relevant information available.

SECTION 11 — TOXICOLOGICAL INFORMATION

11.1 Acute toxicity

Toxicological data: There is no available data for the product itself, only for the ingredients, Refer to Section 2 for individual ingredient LD50's and LC50's.

Ingredients	CAS No.	LC ₅₀	LD ₅₀	
		Inh, rat	Oral	Dermal
Sodium acetate	6131-90-4	>30000 mg/m ³ /1h(Rat)	3530 mg/kg (Rat)	>10000 mg/kg (Rabbit)
Water	7732-18-5	N/A	N/A	N/A

11.2 Carcinogenic status: The mixture is not listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

11.3 Other information

Skin corrosion/irritation: Skin: May cause skin irritation..

Serious eye damage/irritation: May cause eye irritation.

Skin or skin sensitization: No information found.

Germ cell mutagenicity: No information found.

Reproductive toxicity: No information found.

STOT-single exposure: No information found.

STOT-repeated exposure: No information found.

Aspiration hazard: May cause respiratory tract irritation.

SECTION 12 — ECOLOGICAL INFORMATION

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12.1 TOXICITY

Acute/Chronic Toxicity:

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Sodium acetate	Not listed	Not listed	Not listed	Not listed
Water	Not listed	Not listed	Not listed	Not listed

12.2 PERSISTENCE AND DEGRADABILITY

Not available.

12.3 BIOACCUMULATIVE POTENTIAL

Bioaccumulation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

12.4 MOBILITY IN SOIL

Not available.

12.5 OTHER ADVERSE EFFECTS

Not available.

SECTION 13 — DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Recommendation: Offer surplus and non-recyclable solutions to a licensed disposal company. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

13.2 Contaminated packaging

Recommendation: Disposal must be made according to official regulations.

13.3 Disposal recommendations

Refer to section 13.1 and 13.2.

SECTION 14 — TRANSPORT INFORMATION

(a) **UN Number**(TDG, ADR, IMDG, IATA): Not applicable.

(b) **UN proper shipping name**(TDG, ADR, IMDG, IATA): Not applicable.

(c) **Transport hazard class**(TDG, ADR, IMDG, IATA): Non-hazardous for transport.

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(d) **Packing group**(TDG, ADR, IMDG, IATA): Not applicable.

(e) **Environmental hazards**(Marine pollutant): Refer to section 12.1.

(f) **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**: Not applicable.

(g) **Special precautions for user**: Not applicable.

SECTION 15 — REGULATORY INFORMATION

Component	【EINECS】	【TSCA】	【DSL】	【IECSC】	【NZIoC】	【PICCS】	【KECI】	【AICS】
Sodium acetate	Listed	Listed	Listed	Listed	Listed	Listed	Listed	Listed
Water	Listed	Listed	Listed	Listed	Listed	Listed	Listed	Listed

【EINECS】 European Inventory of Existing Commercial Chemical Substances

【TSCA】 United States Toxic Substances Control Act Inventory

【DSL】 Canadian Domestic Substances List

【IECSC】 China Inventory of Existing Chemical Substances

【NZIoC】 New Zealand Inventory of Chemicals

【PICCS】 Philippines Inventory of Chemicals and Chemical Substances

【KECI】 Existing and Evaluated Chemical Substances

【AICS】 Australia Inventory of Chemical Substances

SECTION 16 — OTHER INFORMATION

16.1 Reference

[1] IPCS:The International Chemical Safety Cards (ICSC) ,website: <http://www.ilo.org/dyn/icsc/showcard.home>.

[2] IARC, website: <http://www.iarc.fr/>.

[3] OECD: The Global Portal to Information on Chemical Substances,

website: http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en.

[4] CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>.

[5] NLM:ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>.

[6] EPA: Integrated Risk Information System, website: <http://cfpub.epa.gov/iris/>.

[7] U.S. Department of Transportation:ERG, website: <http://www.phmsa.dot.gov/hazmat/library/erg>.

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[8] Germany GESTIS-database on hazard substance, website: <http://gestis-en.itrust.de/>.

16.2 Abbreviations and acronyms

UN GHS: United nations Globally Harmonized System of Classification and Labelling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

CAS: Chemical Abstracts Service

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980.

DOT: Department of Transportation

DSL: the Domestic Substances List of Canada

EC: European Commission

EPA: Environmental Protection Agency

HMIS: Hazardous Substances Data Bank

IARC: International Agency for Research on Cancer

Inh: Inhalation

IATA: International Air Transport Association

LC: Lethal Concentration

LD₅₀: Lethal dose, 50 percent kill

MA: Massachusetts

MAC: Maximum allowable concentration

MSHA: Mine Safety and Health Administration

N/Ap: Not Applicable

N/Av: Not Available

NFPA: National Fire Protection Association

NIOSH: US National Institute for Occupational Safety and Health

NTP: US National Toxicology Program

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OSHA: US Occupational Safety and Health

PA: Pennsylvania

PEL: Permissible Exposure Limit

RCRA: Resource Conservation and Recovery Act

RI: Rhode Island

RTECS: Registry of Toxic Effects of Chemical Substances

SARA: Superfund Amendments and Reauthorization Act

16.3 Information on revision

Issue Time: 2017-02-13

Issue Department: Technical department

16.4 Disclaimer

This Safety Data Sheet (SDS) was prepared according to UN GHS (the 6th revised edition-2015) . The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.