



RAPID AID REUSABLE HOT / COLD GEL COMPRESS

MSDS Revision Date (dd/mm/yyyy): 18/03/2009

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product identifier : **RAPID AID REUSABLE HOT / COLD GEL COMPRESS**

Product Use : Provides relief for bruises and swelling, muscle spasm and pain, headaches and minor injuries.

Chemical Family : Mixture.

Supplier's name and address:
Rapid Aid Ltd.
4120A Sladeview Crescent, Units 1 - 4
Mississauga, ON, Canada
L5L 5Z3

Manufacturer's name and address:
Refer to Supplier

Information Telephone No. : (905) 820-4788

24 Hr. Emergency Tel # : (905) 820-4788

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>% (weight)</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
			<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Glycerin	56-81-5	10.00 - 20.00	10 mg/m ³ (mist)	N/Av	15 mg/m ³ (dust); 5 mg/m ³ (respirable) (mist)	N/Av

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Clear, colourless, viscous gel enclosed within sealed plastic pouch. No odour.

This product may be considered a 'manufactured article' or 'medical device'. Harmful effects are not expected under normal usage.

*****POTENTIAL HEALTH EFFECTS*****

Target organs : None known.

Routes of exposure : *Inhalation:* NO *Skin Absorption:* NO *Skin & Eyes:* YES *Ingestion:* NO

Signs and symptoms of short-term (acute) exposure

Inhalation : Harmful effects are not expected under normal usage.

Chemical from damaged compress may have the following hazards: If product is heated or mists are formed, inhalation may cause irritation to the nose, throat and respiratory tract.

Skin : Harmful effects are not expected under normal usage. Animal testing on the gel enclosed within the pouch, did not show any irritation.

Eyes : Harmful effects are not expected under normal usage. Animal testing on the gel enclosed within the pouch, did not show any irritation.

Ingestion : Harmful effects are not expected under normal usage. Animal testing on the gel enclosed within the pouch, did not show any abnormalities following oral toxicity tests.

Effects of long-term (chronic) exposure

: Harmful effects are not expected under normal usage.

Conditions aggravated by overexposure

: None known or reported by the manufacturer.

Carcinogenic status : See TOXICOLOGICAL INFORMATION, Section 11.

Additional health hazards : None known or reported by the manufacturer. See TOXICOLOGICAL INFORMATION, Section 11.

Potential environmental effects

: See ECOLOGICAL INFORMATION, Section 12.



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SECTION 4 - FIRST AID MEASURES

- Inhalation** : First Aid is normally not required. Harmful effects are not expected under normal usage.
- Skin contact** : First Aid is normally not required. Harmful effects are not expected under normal usage.
- Eye contact** : First Aid is normally not required. Harmful effects are not expected under normal usage.
- Ingestion** : First Aid is normally not required. Harmful effects are not expected under normal usage.
- Notes For Physician** : Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES

Fire hazards/conditions of flammability

: Not flammable under normal conditions of handling.

Flammability classification (OSHA 29 CFR 1910.1200)

: Not flammable under normal conditions of handling.

Flash point

: N/Ap

Flash point Method

: N/Ap

Auto-ignition temperature : N/Av

Lower flammable limit (% by vol.)

: N/Ap

Upper flammable limit (% by vol.)

: N/Ap

Oxidizing properties

: None known.

Flame Projection Length

: N/Ap

Flashback observed

: N/Ap

Explosion data: Sensitivity to mechanical impact / static discharge

: Not expected to be sensitive to mechanical impact or static discharge.

Suitable extinguishing media

: Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.

Special fire-fighting procedures/equipment

: Fight fires from a safe distance. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame.

Hazardous combustion products

: Carbon oxides; Acrolein; other unidentified organic compounds.

NFPA Rating

0 - Minimal 1 - Slight 2 - Moderate 3 - Serious
: *Health:* 0 *Flammability:* 0 *Instability:* 0 *Special Hazards:* None.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions

: Wear suitable protective equipment. For personal protection see section 8.

Environmental precautions

: Ensure spilled product does not enter drains, sewers, waterways, or confined spaces.

Spill response/cleanup

: Pick up loose items, and place in container for disposal.

Recommended clean-up procedures when compress is damaged: Ventilate area of release. Remove all sources of ignition. Cover any spilled material with non-combustible absorbent material, such as vermiculite or sand, then place absorbent material into a container for later disposal (see Section 13). Notify the appropriate authorities as required.

Prohibited materials

: None known.

Special spill response procedures

: If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8002).
US CERCLA Reportable quantity (RQ): None reported.

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SECTION 7 - HANDLING AND STORAGE

- Safe Handling procedures** : Use in a well-ventilated area. Protect from damage.
Recommended handling procedures when compress is damaged: Wear appropriate protective equipment. Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.
- Storage requirements** : Store in a cool, dry, well-ventilated area. Store away from incompatibles and out of direct sunlight. Inspect periodically for damage or leaks. Protect from damage.
- Incompatible materials** : Strong oxidizers (e.g. Chlorine, Peroxides, etc.).
- Special packaging materials** : Always keep in containers made of the same materials as the supply container.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation and engineering measures

- : Use with adequate ventilation.
Recommended protective measures when compress is damaged: Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.

Respiratory protection

- : Not required under normal conditions of handling.
Recommended protective measures when compress is damaged: Respiratory protection is required if the concentrations exceed the TLV. Advice should be sought from respiratory protection specialists.

Skin protection

- : None required when used as intended.
Recommended protective measures when compress is damaged: Gloves impervious to the material are recommended. Advice should be sought from glove suppliers.

Eye / face protection

- : None required when used as intended.
Recommended protective measures when compress is damaged: Safety goggles or glasses as appropriate for the job.

Other protective equipment

- : None required under normal conditions.
Recommended protective measures when compress is damaged: An eyewash station and safety shower should be made available in the immediate working area. Other equipment may be required depending on workplace standards.

General hygiene considerations

- : Handle in accordance with good industrial hygiene and safety practice.
Recommended protective measures when compress is damaged: Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

- Permissible exposure levels** : For individual ingredient exposure levels, see Section 2.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Solid	Appearance	: Clear, colourless, viscous gel enclosed within sealed plastic pouch.
Odour	: odourless	Odour threshold	: N/Av
pH	: N/Av	Specific gravity	: 1.02
Boiling point	: 104.4°C (220°F)	Coefficient of water/oil distribution	: N/Av
Melting/Freezing point	: N/Av	Solubility in water	: Complete
Vapour pressure (mmHg @ 20° C / 68° F)	: N/Av	Evaporation rate (n-Butyl acetate = 1)	: N/Av
Vapour density (Air = 1)	: N/Av	Volatiles (% by weight)	: N/Av
Volatile organic Compounds (VOC's)	: N/Av		

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SECTION 10 - REACTIVITY AND STABILITY DATA

- Stability and reactivity** : Stable under the recommended storage and handling conditions prescribed.
Hazardous polymerization : Not expected under prescribed storage and handling conditions.
Conditions to avoid : Avoid heat and open flame.
Materials To Avoid And Incompatibility : See Section 7 (Handling and Storage) for further details.
Hazardous decomposition products : None known, refer to hazardous combustion products in Section 5.

SECTION 11 - TOXICOLOGICAL INFORMATION

- Toxicological data** : LD (oral) > 4.95 mL/kg (Product)
See below for individual ingredient acute toxicity data.

<u>Ingredients</u>	<u>LC₅₀(4hr)</u> <u>inh, rat</u>	<u>LD₅₀</u>	
		<u>oral</u>	<u>dermal</u>
Glycerin	N/Av	27,200 mg/kg (rat)	23,000 mg/kg (rabbit)

- Carcinogenic status** : Not known to be carcinogenic.
Reproductive effects : Not expected to have other reproductive effects.
Teratogenicity : Not expected to be a teratogen.
Mutagenicity : Not expected to be mutagenic in humans.
Epidemiology : No information available.
Sensitization to material : Not expected to be a skin or respiratory sensitizer.
Synergistic materials : N/Av
Irritancy : Not an irritant.
other important hazards : None known or reported by the manufacturer.


SECTION 12 - ECOLOGICAL INFORMATION

- Environmental effects** : The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.
Important environmental characteristics : No data is available on the product itself.
Ecotoxicological : No data is available on the product itself.

SECTION 13 - DISPOSAL CONSIDERATIONS

- Handling for Disposal** : Handle waste according to recommendations in Section 7.
Methods of Disposal : Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.
RCRA : If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method.

SECTION 14 - TRANSPORTATION INFORMATION

<u>Regulatory Information</u>	<u>UN Number</u>	<u>Shipping Name</u>	<u>Class</u>	<u>Packing Group</u>	<u>Label</u>
TDG	None	Not regulated.	Not regulated	none	



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TDG Additional information	None.				
49CFR/DOT	None	Not regulated.	Not regulated	none	
49CFR/DOT Additional information	None.				
ICAO/IATA	None	Not regulated.	Not regulated	none	
ICAO/IATA Additional information	None.				

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

OSHA: This material is not classified as hazardous under OSHA regulations (29 CFR Part 1910.1200). This product is considered an 'article' under 29 CFR Part 1910.1200. This product may be considered a 'manufactured article' or 'medical device'.

CERCLA Reportable Quantity (RQ) (40 CFR 117.302): None reported.

TSCA: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

SARA TITLE III: Sec. 302, Extremely Hazardous Substances, 40 CFR 355: No Extremely Hazardous Substances are present in this material.

SARA TITLE III: Sec. 311 and 312, MSDS Requirements, 40 CFR 370 Hazard Classes: None. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: This material is not subject to SARA notification requirements, since it does not contain any Toxic Chemical constituents above de minimus concentrations.

US State Right to Know Laws:

California Proposition 65: To the best of our knowledge, this product does not contain any chemicals known to the State of California to cause cancer or reproductive harm.

Other U.S. State "Right to Know" Lists: The following chemicals are specifically listed by individual States: Glycerin (MA, MN, NJ, PA, RI).

International Information:

Canadian WHMIS Classification: This product is not a WHMIS controlled product in Canada. This product may be considered a 'manufactured article' or 'medical device'.

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

SECTION 16 - OTHER INFORMATION

HMIS Rating : * - Chronic hazard 0 - Minimal 1 - Slight 2 - Moderate 3 - Serious
Health: 0 *Flammability:* 0 *Reactivity:* 0

Legend : ACGIH: American Conference of Governmental Industrial Hygienists
 CAS: Chemical Abstract Services
 CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980





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- DOT: Department of Transportation
- EPA: Environmental Protection Agency
- HMIS: Hazardous Materials Identification System
- HSDB: Hazardous Substances Data Bank
- IARC: International Agency for Research on Cancer
- Inh: Inhalation
- LC: Lethal Concentration
- LD: Lethal Dose
- MA: Massachusetts
- MN: Minnesota
- MSHA: Mine Safety and Health Administration
- N/Ap: Not Applicable
- N/Av: Not Available
- NFPA: National Fire Protection Association
- NIOSH: National Institute of Occupational Safety and Health
- NJ: New Jersey
- NTP: National Toxicology Program
- OSHA: Occupational Safety and Health Administration
- 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
- STEL: Short Term Exposure Limit
- TDG: Canadian Transportation of Dangerous Goods Act & Regulations
- TLV: Threshold Limit Values
- TWA: Time Weighted Average
- TSCA: Toxic Substance Control Act
- WHMIS: Workplace Hazardous Materials Identification System

References

- : 1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2008.
- 2. International Agency for Research on Cancer Monographs, searched 2009.
- 3. Canadian Centre for Occupational Health and Safety, CCIInfoWeb databases, 2009 (Chempendium and RTECs).
- 4. Material Safety Data Sheet from manufacturer.
- 5. US EPA Title III List of Lists October 2006 version.
- 6. California Proposition 65 List - December 19, 2008 version.

<p>Prepared for: Rapid Aid Ltd. 4120A Sladeview Crescent, Units 1 - 4 Mississauga, ON, Canada, L5L 5Z3 Telephone: 905-820-4788 Please direct all enquiries to Rapid Aid.</p>	
<p>Prepared by: ICC The Compliance Center Inc. Canada: 1-888-977-4834 USA: 1-888-442-9628 http://www.thecompliancecenter.com</p>	 <p>HAZARDOUS MATERIALS REGULATIONS SPECIALISTS</p>



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DISCLAIMER OF LIABILITY

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Revision No.

: 2

Revision Information

: (M)SDS sections updated:
2. COMPOSITION/INFORMATION ON INGREDIENTS;
5. FIRE-FIGHTING MEASURES;
7. HANDLING AND STORAGE;
8. EXPOSURE CONTROLS / PERSONAL PROTECTION;
15. REGULATORY INFORMATION

END OF DOCUMENT