

# Material Safety Data Sheet

PRODUCT CODE NUMBERS:  
12259, 12246, 12290, 401, 402, 403, 404

## SECTION 1

ISSUE DATE: September 8, 2010

IDENTITY: **HOT/COLD PACK, REUSABLE, GEL**

*Emergency Telephone Information:*  
**Contact Your Regional Poison Control Center**



**Makes it better®**

Rapid Aid Corp.  
4120A Sladeview Crescent  
Mississauga, ON,  
Canada L5L 5Z3  
T 905.820.4788  
1.800.COLD.HOT (265.3468)  
F 905.820.9226  
www.rapidaid.com

## SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

| Hazardous Components<br>(Specific chemical identity, common name(s)) | CAS #   | OSHA PEL   | ACGIH TLV                      | Other limits<br>Recommended | %<br>(Optional)  |
|--|---------|--|--------------------------------|-----------------------------|------------------|
| Glycerin   | 56-81-5 | 15 mg/m <sup>3</sup><br>(dust);<br>5 mg/m <sup>3</sup><br>(respirable)<br>(mist) | 10 mg/m <sup>3</sup><br>(mist) |                             | 10.00 -<br>20.00 |

## SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

|   |  |
|---|--|
| Boiling point: 104.4C (220F)  | SP Gravity (water=1): 1.02             |
| Vapor pressure (mm Hg): NA  | Melting Point: NA                      |
| Vapor density (air=1): NA   | Evaporation Rate (butyl acetate=1): NA |
| Solubility in water: Complete<br>Appearance and odor: Clear, colorless, Odorless viscous gel enclosed within sealed plastic pouch |  |

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

|   |         |         |
|---|---------|---------|
| Flash point (method used): Not flammable under normal conditions of handling  |         |         |
| Explosive limits: NA  | LEL: NA | UEL: NA |
| 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: 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. |         |         |
| Unusual Fire and Explosive Hazards: NA  |         |         |

## SECTION 5 - REACTIVITY DATA

|   |
|---|
| Stability: Stable   |
| Conditions to avoid: Heat and open flame  |
| Incompatibility (materials to avoid): Strong oxidizers (e.g. Chlorine, Peroxides, etc.) |
| Hazardous decomposition or byproducts: None known                                       |
| Hazardous polymerization: Will not occur  |

# Material Safety Data Sheet

**PRODUCT CODE NUMBERS:**  
12259, 12246, 12290, 401, 402, 403, 404

## SECTION 6 - HEALTH HAZARD DATA

|  |
|--|
| Signs and symptoms of exposure:  |
| Inhalation: Harmful effects are not expected under normal usage.<br>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.   |
| Medical conditions generally aggravated by exposure: None known  |
| <b>Emergency and First Aid procedures:</b><br><b>Skin contact:</b> First Aid is normally not required. Harmful effects are not expected under normal usage.<br><b>Eye contact:</b> First Aid is normally not required. Harmful effects are not expected under normal usage.<br><b>Inhalation:</b> First Aid is normally not required. Harmful effects are not expected under normal usage.<br><b>Ingestion:</b> First Aid is normally not required. Harmful effects are not expected under normal usage. |

## SECTION 7 - SPILL, LEAK, AND WASTE DISPOSAL PROCEDURES

|   |
|---|
| Steps to be taken in case material is released or spilled. 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. Notify the appropriate authorities as required.                           |
| Waste Disposal Method: Follow all local, state and federal regulations.   |
| Precautions to be taken in handling and storing. 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. 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. |
| Other precautions: None   |

## SECTION 8 - CONTROL MEASURES

|   |
|---|
| Respiratory Protection (specify type) 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. |
| <b>Ventilation:</b> Use with adequate ventilation.<br>Recommended protective measures when compress is damaged: Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.  |
| <b>Protective gloves:</b> None required when used as intended.<br>Recommended protective measures when compress is damaged: Gloves impervious to the material are recommended. Advice should be sought from glove suppliers.  |
| <b>Eye Protection:</b> None required when used as intended.<br>Recommended protective measures when compress is damaged: Safety goggles or glasses as appropriate for the job.  |
| <b>Other protective clothing or equipment:</b> None required under normal conditions.   |

# Material Safety Data Sheet

**PRODUCT CODE NUMBERS:**  
**12259, 12246, 12290, 401, 402, 403, 404**

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.

**Work/hygienic practices:** 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.

## **SECTION 9 -- ADDITIONAL INFORMATION**

Safety and Hazard Ratings: (Minimal = 0; Slight = 1; Moderate = 2; Severe = 3; Extreme = 4)

Health (Acute-Chronic): 0      Flammability: 0      Reactivity: 0      Environment (Air-Water-Soil): 0

## **SECTION 10 -- 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***

# Material Safety Data Sheet

**PRODUCT CODE NUMBERS:**  
**12259, 12246, 12290, 401, 402, 403, 404**

## **SECTION 11 - ADDITIONAL INFORMATION**

*The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. Medline Industries, Inc. provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein.*

### **Document Revision History:**

Issued:                      September 8, 2010      New document  
Revised: