



# SAFETY DATA SHEET

## 1.0 IDENTIFICATION

**Product:** Grafco® Instant Cold Pak, P/N 9100A **General Use:** First aid treatment of bumps, bruises, sprains, minor aches and pains, etc.

**Company Name:**  
GF Health Products, Inc.

**Emergency Telephone Number:**  
800-347-5678 (Normal Business Hours)

**Address:**  
2935 Northeast Parkway  
Atlanta, GA 30360

**Telephone Number for Information:**  
800-347-5678 (Normal Business Hours)

**Date Issued:** 11/30/05

**Date Revised:** 09/18/2014

**CHEMTREC CHEMICAL TRANSPORTATION 24 HOUR EMERGENCY TELEPHONE  
DOMESTIC/ NORTH AMERICA 800-424-9300  
INTERNATIONAL 703-527-3887 (CALL COLLECT)**

## 2.0 HAZARD(S) IDENTIFICATION

**Eye Contact:** Eye contact is not expected to occur during normal use of the product.

**Skin Contact:** Prolonged or repeated exposure may cause Frostbite. Signs/symptoms can include firm blanched areas, redness, pain, tissue destruction, swelling and scar tissue formation.

**Inhalation:** No adverse health effects are expected from inhalation exposure.

**If Swallowed:** Ingestion is not a likely route of exposure to this product. Ingestion may cause irritation of gastrointestinal tissues. Signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

**Other Health Hazard Information:** Exposure to the contents of the pack may cause eye and skin irritation. If pack breaks, discard and wash the affected area with soap and water.

## 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

<u>Item:</u>	<u>C.A.S. No.</u>	<u>Percent</u>
Ammonium Nitrate	6484-52-2	45.45
Water	7732-18-5	52.45
Acrylic Acid, Polymers (Film)	9003-01-4	<u>2.10</u>
		100.00

The above chemicals are separated into compartments before activation of the cold pack.  
Compartment 1: Ammonium Nitrate (powder), Compartment 2: Water

The product contains the following toxic chemicals subject to the reporting requirements of Section 313 of Title III Emergency Planning and Community Right To Know Act of 1986 and 40 CFR: **AMMONIUM NITRATE**

#### **4.0 FIRST-AID MEASURES**

**Eye Contact:** Immediately flush eyes with large amounts of water. Get immediate medical attention.

**Skin Contact:** Flush skin with large amounts of water. If irritation persists, get medical attention.

**Inhalation:** No need for first aid is anticipated

**If Swallowed:** Drink two glasses of water. Call a physician.

#### **5.0 FIRE-FIGHTING MEASURES**

Flash Point	N/D
Flammable Limits – LEL	N/A
Flammable Limits – UEL	N/A
Autoignition Temperature	N/D
Extinguishing Media	Water

**Special Fire Fighting Procedures:** Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head. These fire fighting procedures are applicable in warehouse situations. Single units would not call for the above procedures.

**Unusual Fire and Explosion Hazards:** Confinement at elevated temperatures or exposure to strong oxidizers may cause an explosion.

**NFPA Hazard Codes:** Fire: 1    Reactivity: 0    Unusual Reaction Hazard: N/D    Health: 1

**OSHA Fire Hazard Class:** Not determined

Abbreviations:

N/D – Not Determined

N/A – Not Applicable

#### **6.0 ACCIDENTAL RELEASE MEASURES**

**Spill Response:** Cover with inorganic absorbent material. If dry, shovel into dry container and cover.

#### **7.0 HANDLING AND STORAGE**

**Recommended Storage:** Store at temperatures which are below 80°F (26°C). Keep out of reach of children.

## **8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION**

Eye Protection: Avoid eye contact  
Skin Protection: Avoid skin contact  
Recommended Ventilation: Not applicable  
Respiratory Protection: Not applicable  
Prevention of Accidental Ingestion: Do not ingest  
Fire and Explosion Avoidance: Explosive when dry. Do not heat under confinement.

Exposure Limits:

<u>Ingredient</u>	<u>Value</u>	<u>Unit</u>	<u>Type</u>	<u>Auth</u>	<u>Skin*</u>
Ammonium Nitrate	None	None	None	None	
Water	None	None	None	None	

\*Skin Notation: Listed substances indicated with "Y" under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne, or more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

**Source of Exposure Limit Data:** None established.

## **9.0 PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point >100°C  
Vapor Pressure 760 mm Hg @ 100°C  
Vapor Density >1  
Evaporation Rate N/A  
Solubility in water Very Soluble  
Specific Gravity S = 1.7, LIQ = 1.1  
Percent Volatile 46  
Volatile Organic Compounds N/D  
Voc Less H<sub>2</sub>O & Exempt Solvents N/A  
pH 7.0  
Viscosity N/A  
Melting Point N/D  
Appearance and Odor Solid = White, Liquid = Hazy

Abbreviations:

N/D – Not Determined

N/A – Not Applicable

## **10.0 STABILITY AND REACTIVITY**

**Stability:** Stable

**Incompatibility – Materials/conditions to Avoid:** Strong oxidizing agents, heat

**Hazardous Polymerization:** Hazardous polymerization will not occur

**Hazardous Decomposition Products:** Ammonium Salts

## **11.0 TOXICOLOGICAL INFORMATION**

None

## **12.0 ECOLOGICAL INFORMATION**

**Environmental Data:** None

**EPCRA Hazard Class:** Fire hazard: NO Pressure: NO Reactivity: NO Acute: NO Chronic: NO

## **13.0 DISPOSAL CONSIDERATIONS**

**Recommended Disposal:** Incinerate in an industrial or commercial facility. Dispose of waste product in a facility permitted to accept chemical waste.

## **14.0 TRANSPORT INFORMATION**

Product code 2260802025 Instant Cold Icepack is not restricted under the U.S. Department of Transportation CFR 49 and International Air Transport Association (ATA) dangerous goods regulations.

## **15.0 REGULATORY INFORMATION**

None

## **16.0 OTHER INFORMATION**

Information on this Safety Data Sheet represents our current data and best opinion as to the proper use and handling of the product under normal conditions. Any use of the product which is not in conformance with the Safety Data Sheet or which involved using the product in combination with any other product or any other process is the responsibility of the user.

**PREPARED BY: GF Health Products, Inc.**  
**Revision No.: B Date: 09/18/2014**