



SAFETY DATA SHEET

1.0 IDENTIFICATION

Product: Grafco® Instant Cold Pak,
P/N 010210

General Use: First aid treatment of bumps,
bruises, sprains, minor aches and pains, etc.

Company Name:
GF Health Products, Inc.

Emergency Telephone Number:
CHEMTREC 800-424-9300 (24 hour)

Address:
One Graham-Field Way
Atlanta, GA 30340

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

Date Issued: 10/2008

Date Revised: 10/03/2018

2.0 HAZARD(S) IDENTIFICATION

If packaging is broken direct contact with the solution may be irritating to the eyes, skin, the mucous membranes in the nose and throat. Ingestion may cause vomiting and stomach upset.

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.

Ingestion: 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.

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

Potential Hazards: Prior to mixing, ammonium nitrate pellets explode from heat or contamination if burnt or in a fire, can act as an oxidizer. Store in appropriate locations and containers.

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

Hazard is not otherwise classified by (HNOC)

Contents come within a waterproof package containing small Ammonium Nitrate pellets, surrounding a liquid bag filled with water. Once mixed, the bag will feel cold. This apparatus is used as a first Aid Device. When properly administered, apparatus is non-hazardous. If packaging is damaged, the following hazards may result: Serious eye damage / Eye Irritation – please see list of precautions under sections 4 and 6.



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	51.45
Proprietary		1.00
Acrylic Acid, Polymers (Film)	9003-01-4	2.10
		<hr/> 100.00

4.0 FIRST-AID MEASURES

Eye Contact: Immediately flush eyes with large amounts of water. Get immediate medical attention. After initial flushing remove eye contacts, continue flushing for at least 20 minutes. Get medical attention if irritation persists.

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

Inhalation: If accidentally inhaled, move to fresh air and seek medical attention immediately if any symptoms occur.

If Swallowed: Drink two glasses of water. Call a physician. Do not induce vomiting. Get medical attention if symptoms occur.

Symptoms / effects: No information is available

NOTE: Indication of immediate attention and treatment: Treat symptomatically

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 may intensify fire, oxidizer. **Avoid use of CO₂, dry chemical or foam for extinction.**

Explosion Data

Sensitivity to Mechanical Impact – None

Sensitivity to Static Discharge – None



6.0 ACCIDENTAL RELEASE MEASURES

Precautions – Evacuate all personnel to safe areas and away from any upwind or spills. Avoid contact with skin and eyes. Do not touch damaged packaging.

Environmental – Prevent any entry into waterways, sewers and confined areas.

Containment – for damaged containers, keep away from heat and remove all combustible materials. If container is hot, cool with water. Treat material as an oxidizer.

Cleaning Up – for damaged containers: Pick up and properly label container. For damaged containers, remove all sources of ignition. Use non-combustible absorbent material for spilled liquid. Wear protective equipment, i.e. rubber gloves and mask if needed and any additional safety equipment. Dispose of in appropriate labeled confined containers.

7.0 HANDLING AND STORAGE

Handle in accordance with good industrial standards, always put safety first.

Recommended Storage – Store at temperatures which are below 80 degrees F (28 degrees C). Keep out of reach of children.

Keep away from open flames, heat, hot surfaces and sources of ignition. Store at room temperature. Do not freeze.

Incompatible Products – Strong oxidizing agents: nitrate salts, chloride salts, metal salts and hydrocarbons.

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	Soluble
Specific Gravity	S = 1.7, LIQ = 1.1
Percent Volatile	46
Volatile Organic Compounds	N/D
Voc Less H ₂ O & Exempt Solvents	N/D
pH	7.0
Viscosity	N/A
Melting Point	N/D
Appearance and Odor	Solid = White, Liquid = Hazy
VOC Content	No Data Available
Explosive Properties	None
Flammable Properties	Not Flammable
Oxidizing Properties	Oxidizer

Abbreviations:

N/D – Not Determined

N/A – Not Applicable

10.0 STABILITY AND REACTIVITY

Stability: Stable

Chemical Stability: Stable under proper storage conditions

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

Hazardous Polymerization: Hazardous polymerization will not occur

Hazardous Decomposition Products: Ammonium Salts

Reactivity: No data available

11.0 TOXICOLOGICAL INFORMATION

Information on likely routes of exposure: None

Symptoms related to the physical, chemical and toxicological characteristics: None

Delayed and immediate effects: None

Chronic affects from short and long term exposure: None

Numerical measures of toxicity – Product: 0%



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: Material suitable for approved solid waste landfill.

This material is not a hazardous waste according to Federal Regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or comes into contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Dispose of contents to an approved waste disposal site.

14.0 TRANSPORT INFORMATION

DOT – Department of Transportation:

UN Number – UN1942

Proper shipping name – Ammonium Nitrate

Hazard Class – 5.1

Packaging Group III

Description – UN1942, Ammonium Nitrate, 5.1, Class III

[Emergency Response Guide Number - 140](#)

15.0 REGULATORY INFORMATION

[Complies with - United States Toxic Substance Control Act Section 8\(b\) Inventory – TSCA](#)

[Complies with – Canadian Domestic Substances List/Non-Domestic Substances List](#)

[Clean Water Act – This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act \(CFR 122.21 and CFR 122.42\)](#)

[California Proposition 65 – Product does not contain any Proposition 65 Chemicals](#)

[US EPA Label Information – Not Applicable](#)

[Instant Cold Icepack is not restricted under the U.S. Department of Transportation 49 CFR and International Air Transport Association \(ATA\) dangers goods regulations.](#)

[Note: Contents come within a waterproof package containing small amounts of Ammonium Nitrate pellets. As a catalyst, the ammonium nitrate is surrounded by a liquid bag filled with water.](#)



16.0 OTHER INFORMATION

GF Health Products, Inc. does not assume any legal responsibility for use or reliance upon this information. The final determination of suitability of any material for a particular use is the sole responsibility of the user. All materials may present hazards and attributes that are unknown. All chemicals or apparatuses containing chemical properties should be handled with caution and responsibility, never allow children to administer devices without supervision. It is the end user's responsibility to determine when and where to use material and to follow all instructions and precautions that are prescribed on packaging.

Note: CHEMTREC and NATIONAL RESPONSE CENTER emergency telephone numbers are to be used only in the event of CHEMICAL EMERGENCIES involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to GF Health Products, Inc., for assistance.

**PREPARED BY: GF Health Products, Inc.
Revision No.: C Date: 10/03/2018**