



SAFETY DATA SHEET

1.0 IDENTIFICATION

Product: Instant Cold Compress

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: 01/11/2002

Date Revised: 10/03/2018

2.0 HAZARD(S) IDENTIFICATION

Health Hazards (acute and chronic): Dry chemical of cold pack may be an eye irritant. Dry chemical of cold pack is a skin irritant with prolonged contact, has slight to moderate toxicity when ingested, minimal hazard of inhalation under normal conditions. No health hazards when dry chemical and water are in solution.

Carcinogenicity: N/A

Signs and symptoms of exposure: Eye contact with dry chemical may result in eye discomfort and aggravation. Skin Contact with dry chemical may result in mechanical discomfort and rash with prolonged contact. Swallowing large amounts of dry chemical may have serious or even fatal effects. Inhalation of large amounts of dry chemical dust may have serious or even fatal effects.

Medical conditions generally aggravated by exposure: N/A

3.0 COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components	OSHA PEL	ACGIH TLV	Other limits Recommended	% (Optional)
Ammonium Nitrate	N/A	10 mg/M3	N/A	N/A

4.0 FIRST-AID MEASURES

Eye Contact: Immediately flush eyes gently with water for at least 15 minutes while holding eyelids apart. Seek immediate medical attention.

Skin Contact: Wash with mild soap and water



Inhalation: Exposure to thermal decomposition evacuate person to fresh air, give respiratory support. Seek immediate medical attention.

Ingestion: Drink 2-3 glasses of water and induce vomiting. Seek immediate medical attention.

5.0 FIRE-FIGHTING MEASURES

Flash Point	N/A
Flammable Limits – LEL	N/A
Flammable Limits – UEL	N/A

Extinguishing Media: Flood and cool hot nitrate with straight stream nozzles. Do not use salt water. Water is effective in desensitizing molten or contaminated nitrate.

Special Fire Fighting Procedures: Immediately ventilate structure. Do not use spray of fog nozzles. Use straight stream nozzles to cool and desensitize molten nitrate. Respiratory protection required for fire fighting personnel. When any fire is burning out of control and water cannot safely be applied to desensitize, nitrate fire crews should withdraw a safe distance and use unmanned fire lines.

Unusual Fire and Explosion Hazards: Decomposes into flammable and hazardous nitrogen oxides. As an oxidizer, it yields nitrous oxide readily to stimulate the combustion of organic matter or ether fuel. In unconfined fire situations, ammonium nitrate fertilizer creates a self-limiting effect as the endothermic effect of its dissociation into ammonia and nitric acid absorbs the heat produced by the exothermic decomposition of nitrous oxide and water vapor. Ammonium nitrate fertilizer is not explosive. Detonation potential under confinement and high temperatures, or when heated with contaminants such as organic or carbonaceous material, metallic powders, acids, or combination with copper produces tetramine cupric hydrate, a salt with high sensitivity. Zonal decomposition a possibility.

6.0 ACCIDENTAL RELEASE MEASURES

Spill / Release Response: Sweep up for disposal.

7.0 HANDLING AND STORAGE

Recommended Storage: Avoid contact with incompatible materials. Avoid exposure to heat sources. Avoid contamination with organic matter. Do not store near foodstuff.

8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection (specify type):

Ventilation: Not determined

Special: Not determined

Local Exhaust: Not determined

Mechanical: Not determined

Protective Gloves: Unknown

Eye Protection: Unknown

Other protective clothing or equipment: N/A

Work/hygienic practices: N/A



9.0 PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: N/A
Vapor Pressure (mm Hg): N/A
Vapor Density (air=1): N/A
Solubility in water: Complete
Appearance and Odor: White, odorless solid chemical with water bag

Specific Gravity (water = 1): 1.725
Melting Point: N/A
Evaporation Rate (butyl acetate = 1): N/A
N/A

10.0 STABILITY AND REACTIVITY

Stability: Unstable

Conditions to Avoid: Heat and fire. Insensitive to impact in dry form

Incompatibility – Materials to Avoid: Chemical from damaged cold pack should not be mixed with acetic acids, metals, chlorides, organic matter, phosphorous, sodium, potassium, sulfur, inorganic zinc, copper. Copper represents the greatest contamination hazard.

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Hazardous oxides of nitrogen

Conditions to Avoid: Heat and fire

11.0 TOXICOLOGICAL INFORMATION

None

12.0 ECOLOGICAL INFORMATION

None

13.0 DISPOSAL CONSIDERATIONS

Recommended Disposal: Follow all local, state and federal regulations. Dispose in trash.

14.0 TRANSPORT INFORMATION

None

15.0 REGULATORY INFORMATION

None



16.0 OTHER INFORMATION

All information, recommendations, and suggestions appearing herein concerning the product are based upon data believed to be reliable. It is the user's responsibility to determine that safety, toxicity, and suitability for their own use of the product described herein, and to comply with all applicable regulations. Since the actual use by others is beyond the SDS developer's control, no guarantee, expressed or implied is made by GF Health Products, Inc., as to the effects of such use, the results to be obtained or the safety and toxicity of the product nor does GF Health Products, Inc. assume any liability arising out of use by others of the product referred to herein. This SDS is not intended as a license to operate under, or recommendation to infringe on, any patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.

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**