
1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name: Instant Cold Pack

Product Number: 59681 (Small), 59688 (Large)

Date Prepared:	12/1/2003
Manufacturer:	Kimberly-Clark Corporation 1400 Holcomb Bridge Road Roswell, GA 30076-2199 United States of America
Telephone: MEDICAL EMERGENCY TRANSPORTATION EMERGENCY INFORMATION	1-877-561-6587 Chemtrec 1-800-424-9300 1-888-346-4652

Product Use: Patient medical or first aid care.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No./ EINECS-No	%	EU Classification (67/548/EEC):
Ammonium Nitrate	6484-52-2/229-347-8	100%	Xi O R36/37/38, R8
Water	7732-18-5 / 231-791-2	100%	Not applicable

3. HAZARDS IDENTIFICATION

Emergency Overview: Plastic liner containing two inner compartments, one containing a white or off-white solid and the other containing a clear liquid. The product is activated when the product is squeezed and the contents mix. Oxidizer. Contact with combustible material may cause fire. Contact with contents may cause irritation.

EU Classification (1999/45/EC): Medicinal and cosmetic products in the finished form, intended for the final user are not subject the Directive relating to the classification, packaging and labelling of dangerous preparations (1999/45/EC).

US OSHA Classification (29CFR1910.1200): Eye Irritant. Skin Irritant. Oxidizer.

Canadian WHMIS Classification: Medical devices are not subject to the Hazardous Products Act (WHMIS).

4. FIRST AID MEASURES

Inhalation: None required for normal use.

Skin contact: If contact with the contents occurs - Wash off with soap and water.

Eye contact: If contact with the contents occurs - Rinse immediately with plenty of water, also under the eyelids. Obtain medical attention if irritation persists.

Ingestion: If contents are swallowed - Call a physician or Poison Control Centre immediately. If victim is conscious, rinse mouth with a small amount of water. Never give anything by mouth to a person who is unconscious or drowsy.

5. FIRE-FIGHTING MEASURES

Flashpoint: None.

Flammable Limits in Air % by Volume:

LEL (Lower): Not applicable

UEL (Upper): Not applicable

Suitable Extinguishing Media: Water, water fog, foam, carbon dioxide, dry chemical.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective suit.

Unusual Fire and Explosion Hazards: Oxidizer. Contact with combustible material may cause fire.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide. Oxides of nitrogen.

6. ACCIDENTAL RELEASE MEASURES

Contain and collect with inert absorbent material and place in a suitable container for disposal. Do not use combustible materials such as paper towels or sawdust to collect spill. Contact with combustible material may cause fire. Comply with all federal, state and local regulations.

7. HANDLING AND STORAGE

Avoid contact with contents of product.

Do not store on wooden floors or near flammable or combustible materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	Exposure limit(s)
Ammonium Nitrate	None established

Ventilation: No special ventilation normally required.

Respiratory Protection: No personal respiratory protective equipment normally required.

Protective Gloves: None required for normal use.

Eye Protection: None required for normal use.

For bulk processing, regular hand washing along with general body-covering clothing, safety goggles and gloves are recommended as good industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor	Plastic liner containing two inner compartments, one containing a white or off-white solid and the other containing a clear liquid. The product is activated when the product is squeezed and the contents mix.
Boiling point/range	Not applicable
Melting point/range	Not applicable
Specific Gravity (water=1)	Not available
Vapor pressure	Not applicable
Vapor density (air=1)	Not applicable
Solubility	Partially soluble
pH	Not available
Partition coefficient (n-octanol/water):	Not available
Evaporation Rate (Butyl acetate=1)	Not available
Percent Volatile by Volume (%)	Not available
Volatile Organic Carbon Compounds (VOC) (g/L)	None.

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Excessive heating.

Materials to avoid: Keep away from combustible material. Incompatible with bases May react violently with powdered metals.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide. Oxides of nitrogen.

Hazardous Polymerization: Does not occur.

11. TOXICOLOGICAL INFORMATION

Symptoms/Effects of Overexposure:

Inhalation: Not a likely route of exposure.

Skin contact: Contact with contents may cause irritation.

Eye contact: Contact with contents may cause irritation.

Ingestion: Swallowing large amounts may cause gastrointestinal disturbances. May cause methemoglobinemia, which is characterized by chocolate-brown colored blood, headache, weakness, dizziness, shortness of breath, cyanosis (bluish skin due to lack of oxygen in the blood), rapid heart rate, unconsciousness and possible death.

Chronic toxicity: None currently known.

Medical Conditions Aggravated by Exposure: None currently known.

Carcinogenicity Data: None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA or the European Directive (67/48/EEC).

Reproductive Toxicity: No adverse effects on reproduction are known.

Acute Toxicity Values: Ammonium Nitrate: LD50 oral rat 2217 mg/kg.

12. ECOLOGICAL INFORMATION

No adverse effects on the environment are expected.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all state, local and federal regulations.

14. TRANSPORT INFORMATION

US DOT Shipping Description: Ammonium Nitrate, 5.1, UN1942, III

A limited quantity may be renamed "consumer commodity" and reclassified as ORM-D. Please consult 49CFR 173.152 for additional information.

IATA Shipping Description (Air): Ammonium Nitrate, 5.1, UN1942, III

IMDG Shipping Description (Vessel): Ammonium Nitrate, 5.1, UN1942, III

15. REGULATORY INFORMATION

US Regulations

EPA Toxic Substances Control Act (TSCA): All of the components of this product are listed on the TSCA Inventory or exempted from TSCA.

SARA 302 Listed Chemicals: None.

SARA 311/312 Hazard Categories: Acute Health Fire Hazard

SARA 313 This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under the SARA Section 313 (40 CFR 372): Ammonium Nitrate (Nitrate Compound)

California Proposition 65: This product does not contain chemicals listed per the Safe Drinking Water and Toxic Enforcement Act of 1986.

International Regulations

Canadian CEPA: All of the components are either listed on or exempted from the Domestic Substances List (DSL).

Canadian WHMIS Classification: Medical devices are not subject to the Hazardous Products Act (WHMIS).

EU EINECS Status: All of the components of this product are listed on the EINECS Inventory or exempted from notification.

EU Labeling: Medicinal and cosmetic products in the finished form, intended for the final user are not subject the Directive relating to the classification, packaging and labelling of dangerous preparations (1999/45/EC).

16. OTHER INFORMATION

HMIS Rating: Health 1 Fire 1 Reactivity 3

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