


Safety Data Sheet

ACCU-THERM INSTANT COLD PACKS

Section 1. Identification

Product Identifier	ACCU-THERM INSTANT COLD PACKS		
Synonyms	MDS138000; MDS138010; MDS139000		
Manufacturer Stock Numbers	MDS138000; MDS138010; MDS139000		
Recommended use	N/A		
Uses advised against	N/A		
Manufacturer Contact Address	Medline Industries, Inc. One Medline Place Mundelein, IL, 60060 USA		
Phone	Emergency Phone	Fax	
(800) 633-5463	(800) 424-9300	(847) 643-4436	
	CHEMTREC CHEMTREC		
Website	www.Medline.com		

Section 2. Hazards Identification

Classification	ACUTE TOXICITY - ORAL - Category 5 EYE DAMAGE/IRRITATION - Category 2B OXIDIZING LIQUIDS - Category 3 SENSITIZATION - SKIN - Category 1B
Signal Word	Warning
Pictogram	
Hazard Statements	Causes eye irritation May be harmful if swallowed May cause an allergic skin reaction May intensify fire; oxidizer
Precautionary Statements Response	Call a poison center/doctor/ ... /if you feel unwell. If eye irritation persists: Get medical advice/attention.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If on skin: Wash with plenty of water/ ...
 If skin irritation or rash occurs: Get medical advice/attention.
 In case of fire: Use ... to extinguish.
 Specific treatment (see ... on this label)
 Wash contaminated clothing before reuse.

Prevention
 Avoid breathing dust/fume/gas/mist/ vapors/spray.
 Contaminated work clothing must not be allowed out of the workplace.
 Keep away from heat.
 Keep/Store away from clothing and other combustible materials.
 Take any precaution to avoid mixing with combustibles/...
 Wash ...thoroughly after handling.
 Wear protective gloves.
 Wear protective gloves/eye protection/face protection

Storage
 N/A

Disposal
 Dispose of contents/container to ...

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
6484-52-2	Nitric acid ammonium salt	40.0-70.0 %
	Ammonium Nitrate	Unknown

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

General Advice:	Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
Eye Contact:	Flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Tilt head to avoid contaminating unaffected eye. Get immediate medical attention.
Skin Contact:	Immediately flush skin with plenty of water while removing contaminated clothing and shoes. Do not reuse clothing or shoes until cleaned. If irritation develops or persists, get medical attention. Wash with soap and water. Do not apply oils or ointments unless ordered by the physician.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
Ingestion:	If swallowed, call a physician immediately. Rinse mouth and throat thoroughly with water. Do not induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. If patient is conscious, give no more than two glasses of water. Get medical attention.
Note to Physician:	Treat symptomatically

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	In case of fire, use Water, Carbon Dioxide (CO ₂), Foam, Dry Chemical
Unsuitable Extinguishing Media	
Unusual Fire and Explosion Hazards	
Special Fire Fighting Procedures:	Fight fires from a safe distance. Evacuate personnel to safe areas. Self contained breathing apparatus recommended with a full face piece operated in pressure-demand or other positive pressure mode. A full-body chemical resistant suit should be worn.
Special Fire Fighting Procedures:	Move container from fire area if you can do it without risk. Keep unopened containers cool by spraying with water.

Section 6. Accidental Release Measures

Flammable Small Spill:	Absorb with an inert dry material and place in an appropriate waste disposal container.
Corrosive Small Spill:	Absorb with an inert dry material and place in an appropriate waste disposal container. If necessary: Neutralize the residue with a dilute solution of sodium carbonate.
Corrosive Large Spill:	Corrosive liquid, Poisonous liquid. Stop leak if without risk. Absorb with dry earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Use water spray curtain to divert vapor drift. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Neutralize the residue with a dilute solution of sodium carbonate.
Flammable Large Spill:	Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with dry earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed.
Non-hazardous Small Spill:	Should be cleaned up at the time of the spill. Take all necessary precautions and wear any personal protective equipment that is applicable. Dispose of per local and state regulations.

Section 7. Handling and Storage

Storage Non-hazardous:	Store in original package. Discard unused portion. Do not reuse. No special storage conditions required.
Handling Non-hazardous:	This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Nitric acid ammonium salt	N/A	N/A	N/A
	Ammonium Nitrate	N/A	N/A	N/A
Personal Protective Equipment	N/A			
Engineering Controls:	Ventilation: General.			
Eye Protection:	Wear chemical safety goggles while handling this product. Do not wear contact lenses. Wear additional eye protection such as face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material.			
Other protective equipment:	Eye-wash station. Safety shower. Not expected to be necessary under normal conditions of use. Where exposure cannot be adequately controlled, use appropriate protective clothing or equipment			
Work/hygienic practices:	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.			

Section 9. Physical and Chemical Properties

Physical State	N/A
Color	N/A
Odor	Odorless
Odor Threshold	N/A
Solubility	Complete
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	1.725
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N.A.
FP Method	N/A
Ph	N/A
Melting Point	N.A.
Boiling Point	176.7°C
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N.A.
Flammability	N.A.
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N.A.
Vapor Density	N.A.

Section 10. Stability and Reactivity

Stability:	Stable.
Reactivity:	None
Incompatibility (Materials to Avoid):	Strong acids. Reducing agents.
Incompatibility (Materials to Avoid)	Combustible materials. Organic materials.
Incompatibility (Materials to avoid):	Reactive metals. Halogenated compounds.
Incompatibility (Materials to Avoid):	Copper.
Hazardous Decomposition or Byproducts:	None known.
Hazardous Polymerization	N.D.
Conditions to avoid:	Keep away from heat. Open flame. Direct sunlight.

Section 11. Toxicological Information

Acute Toxicity: Eye Contact Contact may cause temporary moderate irritation
Acute Toxicity: Skin Contact May cause mild irritation on patients with sensitive skin
Acute Toxicity: Inhalation N.A.
Acute Toxicity: Ingestion May be harmful if swallowed
Carcinogenicity: None known
Chronic Toxicity: None known

Section 12. Ecological Information

Toxicity: N.A.

Section 13. Disposal

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14. Transport Information

UN Number N/A
UN Proper Shipping Name Not Regulated
DOT Classification Not Regulated
Packing Group N/A

Section 15. Regulatory Information

US Federal Regulations: General Product Information	N.A.
US Federal Regulations: Clean Air Act	N.A.
US Federal Regulations: Component Analysis	N.A.
US Federal Regulations: Food & Drug Administration	N.A.
State Regulations: General Product Information	N.A.
State Regulations: Component Analysis	N.A.
Other Regulations:	N.A.
Other Classifications:	N.A.
WHMIS (Canada):	N.A.
California Prop.65:	N.A.
TSCA:	The components of this product are listed on the TSCA Inventory
CERCLA:	No reportable quantities
SARA Title III Section 302 Extremely Hazardous Substances:	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA Title III Section 313 Toxic Chemicals:	This product contains none of the substances subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372
New Jersey Right to Know Components:	Ammonium Nitrate CAS-No. 6484-52-2 Water CAS-No. 7732-18-5
California Prop.65:	This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16. Other Information

Revision Date	00/00/00
Legend	N.A. - Not Applicable N.E. - Not Established N.D. - Not Determined
Additional Information	Health-1 Fire-0 Reactivity-0