



Safety Data Sheet

STANDARD INSTANT COLD PACKS

Section 1. Identification

Product Identifier	STANDARD INSTANT COLD PACKS		
Synonyms	MDS137000; MDS137020; MDS137000H		
Manufacturer Stock Numbers	MDS137000H; MDS137000; MDS137020		
Recommended use	Cold compress		
Uses advised against	Bruises. Swelling. Pain. Strains.		
Manufacturer Contact Address	Medline Industries, Inc. One Medline Place Mundelein, IL, 60060 USA		
	Phone	Emergency Phone	Fax
	(800) 633-5463	(800) 424-9300 CHEMTREC CHEMTREC	(847) 643-4436
	Website		
	www.Medline.com		

Section 2. Hazards Identification

Classification	EYE DAMAGE/IRRITATION - Category 2B SKIN CORROSION/IRRITATION - Category 3
Signal Word	Warning
Pictogram	
Hazard Statements	Causes eye irritation Causes mild skin irritation
Precautionary Statements Response	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 skin irritation occurs: Get medical advice/attention.
Prevention	Wash hands thoroughly after handling.
Storage	N/A
Disposal	N/A
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	N.A.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
6484-52-2	Nitric acid ammonium salt	50 %
7732-18-5	Water	50 %

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:	Wash with soap and water; if irritation persists, seek medical attention.
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.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	In case of fire, use Dry Chemical, Foam and Carbon Dioxide (CO ₂)
Unsuitable Extinguishing Media	Water spray. Fog.
Unusual Fire and Explosion Hazards:	N.A.
Special Fire Fighting Procedures:	Special hazards arising from the chemical Main combustion gas: Carbon monoxide and carbon dioxide gases. Special hazards arising from the chemical Fire/explosion hazard: Emits toxic fumes under fire conditions. Alert Fire Brigade and tell them location and nature of hazard. Self contained breathing apparatus and full protective clothing recommended. Prevent, by any means available, spillage from entering drains or water courses.
Special Fire Fighting Procedures:	Keep unopened containers cool by spraying with water. Do not approach containers suspected to be hot.
Special Fire Fighting Procedures:	If safe to do so, remove containers from path of fire.

Section 6. Accidental Release Measures

Flammable Small Spill:	Absorb with an inert dry material and place in an appropriate waste disposal container.
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Section 7. Handling and Storage

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.
Storage Non-hazardous:	Store in original package. Discard unused portion. Do not reuse. No special storage conditions required.

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
	Water	N/A	N/A	N/A
Personal Protective Equipment Engineering Controls: Respiratory Protection: Skin Protection: Eye Protection: Work/hygienic practices:	<p>Goggles, Gloves, Apron, Face Shield</p> <p>Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits. Ventilation: Local exhaust.</p> <p>Respiratory protection may be worn if ventilation does not eliminate symptoms or keeps levels below recommended exposure limits. If exposure limits are exceeded, wear: NIOSH-Approved organic respirator. NIOSH-Approved Supplied Air Respirator (SAR). NIOSH-Approved self-contained breathing apparatus. Do not exceed limits established by the respirator manufacturer. All respiratory protection programs must comply with OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements and must be followed whenever workplace conditions require a respirator's use.</p> <p>Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.</p> <p>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.</p> <p>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.</p>			

Section 9. Physical and Chemical Properties

Physical State	Liquid, Solid
Color	N.A.
Odor	No obvious odor
Odor Threshold	N.A.
Solubility	N.D.
Partition coefficient Water/n-octanol	N.A.
VOC%	N/A
Viscosity	N.A.
Specific Gravity	N/A
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N.A.
FP Method	N.A.
Ph	7
Melting Point	N.A.
Boiling Point	N.A.
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:	Product is considered stable during storage and transportation under normal conditions.
Incompatibility (Materials to Avoid):	Strong acids. Alkalis. Strong oxidizing agents. Strong acids
Hazardous Decomposition or Byproducts:	Thermal decomposition products: Carbon monoxide and carbon dioxide.
Hazardous Polymerization	N.D.
Conditions to avoid:	No specific date.

Section 11. Toxicological Information

Acute Toxicity: Eye Contact	May cause irritation.
Acute Toxicity: Skin Contact	May cause irritation and/or redness.
Acute Toxicity: Inhalation	May cause irritation to respiratory system. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Acute Toxicity: Ingestion	May cause irritation to mouth, throat and upset the gastrointestinal tract
Chronic Toxicity:	Diethanolamine, Cocamide DEA, components of this product, have been designated by IARC as possibly carcinogenic to humans.
Carcinogenicity:	IARC listed: Cocamide DEA (CAS#68603-42-9) IARC 2B
Chronic Toxicity:	N.A.

Section 12. Ecological Information

Toxicity:	No data available for the mixture.
Persistence and degradability:	Abiotic Degradation: No data available. Physical- and photo- chemical elimination: No data available. Biodegradation: No data available.
Bioaccumulative potential:	Partition coefficient n-octanol/water (log Kow): No data available. Bioconcentration factor (BCF): No data available.
Mobility in soil:	Known or predicted distribution to environmental compartments: No data available. Surface tension: No data available. Adsorption/Desorption: No data available.
Other adverse effects:	N.A.

Section 13. Disposal

Waste Disposal:	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
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Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	N.A.
DOT Classification	N.A.
Packing Group	N.A.
IMDG:	N.A.
IMDG - Marine pollutant:	N.A.
IATA:	N.A.

Section 15. Regulatory Information

US Federal Regulations: Clean Air Act	No products were found.
US Federal Regulations: Component Analysis	Fire hazard, reactive
SARA Title III Section 302 Extremely Hazardous Substances:	No products were found.

Section 16. Other Information

Revision Date 5/27/2015

Legend N.A. - Not Applicable
N.E. - Not Established
N.D. - Not Determined

HMIS (U.S.A.): Flammability

HMIS (U.S.A.): Reactivity

HMIS (U.S.A.): Physical
Hazard

National Fire Protection
Association (U.S.A): Health
Hazard

National Fire Protection
Association (U.S.A):
Flammability

National Fire Protection
Association (U.S.A):
Instability Hazard

Additional Information

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