



# Safety Data Sheet

## Instant Cold Packs - Urea Blend

### Section 1. Identification

Product Identifier Instant Cold Packs - Urea Blend  
Synonyms MDS148000; MDS148010; MDS148020; MSD\_SDS0184  
Manufacturer Stock Numbers MDS148000; MDS148010; MDS148020

Recommended use Cold application for cold therapy.  
Uses advised against N/A

Manufacturer Contact  
Address Medline Industries, Inc.  
3 Lakes Drive  
Northfield, IL, 60093  
USA

Phone	Emergency Phone	Fax
(800) 633-5463	(800) 424-9300 CHEMTREC	(847) 643-4436

Website  
[www.Medline.com](http://www.Medline.com)

### Section 2. Hazards Identification

Classification This material is considered not hazardous as defined by OSHA 29 CFR 1910.1200 - Category N/A

Signal Word  
Pictogram

Hazard Statements While this material is not classified as hazardous under OSHA regulations, this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

#### Precautionary Statements

Response	N/A
Prevention	N/A
Storage	N/A
Disposal	N/A

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

No Data Available

### Section 3. Ingredients

CAS	Ingredient Name	Weight %
57-13-6	Urea	30% - 40%
12125-02-9	Ammonium chloride	1% - 9.5%

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

### Section 4. First-Aid Measures

General Information:	If medical attention is required, show this safety data sheet (SDS) to the doctor in attendance.
Primary Routes of Entry:	Eye and skin contact; ingestion; inhalation.
Inhalation:	If fumes or combustion products are inhaled remove from contaminated area. Lay patient down. Keep warm and rested. Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.
Skin Contact:	Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available).
Eye Contact:	Immediately hold eyelids apart and flush the eye continuously with running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or at least for 15 minutes. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Ingestion:	Rinse mouth with plenty of water, make victim drink plenty of water. Do not induce vomiting.
Most Important Symptoms and Effects, Both Acute and Delayed:	No Information Available.

## Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Dry chemical, carbon dioxide, alcohol-resistant foam
Unsuitable Extinguishing Media	N/A
General Information:	Non-flammable liquid.
Special Fire Fighting Procedures:	None.
Unusual Fire and Explosion Hazards	Combustion of vapor and liquid may produce carbon monoxide, carbon dioxide and other hazardous gases.
Hazardous Decomposition Products:	Carbon monoxide, Nitrogen Oxide, Chloride

## Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:	Remove all sources of ignition. Ensure adequate ventilation. Take precautionary measures against static discharges. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment. Avoid breathing vapors and contact with skin or eyes. Wear protective clothing, gloves, safety glasses and dust respirator.
Spill/Leak Procedures:	Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain spill by bunding. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.
Environmental Precautions:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

## Section 7. Handling and Storage

Protective Measures:	Handling is performed in a well ventilated place. Wear suitable protective equipment. Avoid contact with skin and eyes. Avoid inhalation of vapors or mist.
Measures to prevent fire:	Keep away from heat/sparks/open flames/hot surfaces. Take precautionary measures against static discharges.
Measures to Prevent Aerosol & Dust Generation:	N.A.
Other Precautions:	Wash hands and face after using of the substances. Replace the contaminated clothing immediately. In addition to use mentioned in the first parts, unforeseen other specific end uses.

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Urea	N/A	N/A	N/A

Ammonium chloride                      N/A                      N/A                      N/A

Personal Protective Equipment                      N/A

Respiratory Protection:                      Use appropriate respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Recommended Filter Type: Low boiling organic solvent, Type AX, Brown, conforming to EN371.

Eye Protection:                      Tightly fitting safety goggles (approved by EN 166 (EU) or NIOSH (US).

Skin Protection:                      Wear protective clothing.

Engineering Controls:                      Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

Other Protective Clothing or Equipment:                      None.

**Section 9. Physical and Chemical Properties**

Physical State	N.A.
Color	Granules and liquid
Odor	N.A.
Odor Threshold	N.A.
Solubility	Soluble in water
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	No info available
FP Method	N.A.
pH	N.A.
Melting Point	No information available
Boiling Point	No information available
Boiling Range	N.A.
LEL	N/A
UEL	N/A
Evaporation Rate	No information available
Flammability	N.A.
Decomposition Temperature	N.A.
Auto-ignition Temperature	No information

	available
Vapor Pressure	No information available
Vapor Density	No information available

## Section 10. Stability and Reactivity

**Stability:** Stable under proper operation and storage conditions.  
**Conditions to avoid:** Melts and decomposes when strongly heated.  
**Incompatibility (Material to Avoid):** Strong base, Strong acid, etc.  
**Hazardous Decomposition or By-Products:** Carbon monoxide, Nitrogen Oxide, Chloride.  
**Hazardous Polymerization:** No polymerization.

## Section 11. Toxicological Information

**Precautionary Statements:** If medical attention is required show this safety data sheet (SDS) to the doctor in attendance.  
**Potential Health Effects:** Inhalation: No information available.  
 Eye: Causes serious eye irritation.  
 Skin: No information available.  
 Ingestion: No information available.  
 Target Organs: No information available.  
**Primary Routes of Exposure:** Percutaneous, Inhalation  
**Potential Effects of Chronic Exposure:** No information available.  
**Irritation/Sensitization:** Based on available data, the classification criteria are not met.  
**Teratogenicity:** Based on available data, the classification criteria are not met.  
**Mutagenicity:** Based on available data, the classification criteria are not met.  
**Reproductive Toxicity:** Based on available data, the classification criteria are not met.

## Section 12. Ecological Information

**Ecotoxicity:** No information available.  
**Biodegradability:** No information available.  
**Bioaccumulation:** No information available.  
**Mobility:** No information available.  
**Other Adverse Effects:** Urea does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.

## Section 13. Disposal

Waste Disposal Method: Before disposal should refer to the relevant national and local laws and regulation.

## Section 14. Transport Information

UN Number N/A  
UN Proper Shipping Name Not Regulated  
DOT Classification Not Regulated  
Packing Group Not Regulated  
DOT: Not regulated as dangerous goods.  
IATA: Not regulated as dangerous goods.  
IMDG: Not regulated as dangerous goods.

## Section 15. Regulatory Information

SARA 311/312: Refer to Section 2 of the SDS.  
SARA 302: N.A.  
SARA 304: N.A.  
SARA 313: N.A.  
TSCA: All components are listed or exempt.  
CERCLA Hazardous Substance List: N.A.  
Clean Air Act (CAA) Section 112, 112 (r): N.A.  
State Regulations: N.A.

## Section 16. Other Information

Revision Date 5/7/2019  
Legend N.A. - Not Applicable  
N.E. - Not Established  
N.D. - Not Determined  
National Fire Protection Association (U.S.A): Health Hazard 0  
National Fire Protection Association (U.S.A): Fire Hazard 0  
National Fire Protection Association (U.S.A): Reactivity 0  
HMIS (U.S.A.): Health Hazard 0  
HMIS (U.S.A.): Flammability 0

HMIS (U.S.A.): Reactivity 0  
Additional Information

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