

Material Safety Data Sheet

Revision Date 12-Mar-2010

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product code SF10104
Product name Instant Cold Pak
Recommended Use Safety Products
Supplier Lawson Products, Inc.
1666 East Touhy Avenue
Des Plaines, IL 60018
(847)-827-9666
Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview

Toxic if swallowed.

Color No information available

Odor None

Form Liquid

Aggravated Medical Conditions None Known

Principal Routes of Exposure Eyes. Skin. Skin absorption. Ingestion.

Potential health effects

Eyes Contact with eyes may cause irritation.

Skin May cause the following effects: . Skin Irritation.

Inhalation No adverse affects expected.

Ingestion Harmful or fatal if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Headache. May cause damage to blood.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Ammonium Nitrate	6484-52-2	40-70
Water	7732-18-5	30-60

4. FIRST AID MEASURES

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention if irritation persists.

Skin contact Wash area thoroughly with soap and water. Use emollient skin creams and contact physician if symptoms persist.

Ingestion

Give large quantities of water and induce vomiting. Never give anything by mouth to an unconscious person. Keep head below hips if vomiting occurs. Seek medical attention.

Inhalation

No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

5. FIRE FIGHTING MEASURES

Flash point °C

Not Applicable

Flash point °F

Not Applicable

Method

Not Applicable

Autoignition temperature °C

Not Applicable

Autoignition temperature °F

Not Applicable

Flammability Limits (% in Air)**Upper**

Not Applicable

Lower

Not Applicable

Suitable extinguishing media

Use extinguishing media appropriate to surrounding fire .

Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Special Fire-Fighting Procedures

Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Specific hazards

Flammable

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions

Do not flush into surface water or sanitary sewer system.

Clean-up methods - small spill

Soak up with noncombustible inert absorbent material.

Clean-up methods - large spill

Collect run-off water and dispose. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs.

7. HANDLING AND STORAGE

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Handling

Do not puncture container. Handle with special care. Always loosen closure cautiously when opening . Avoid contact with skin and eyes. Avoid breathing vapors or mists. Avoid spontaneous combustion of contaminated rags or other ignitable material. Keep out of reach of children.

Storage

Keep in a dry, cool and well-ventilated place. Keep away from food, beverages, and feed. Store away from flammable and combustible materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Ammonium Nitrate	-	-	-	-
Water	-	-	-	-

Ventilation and Environmental Controls

Adequate ventilation should be provided to keep exposure levels below current acceptable exposure limits.

Hygiene measures

Avoid contact with skin, eyes and clothing.

Personal protective equipment

Respiratory protection

None necessary under normal conditions.

Hand Protection

Impervious gloves.

Eye protection

Use safety eyewear designed to protect against splash of liquids.

Skin and body protection

None necessary under normal conditions

Other Protective Equipment

Chemically resistant boots.

9. PHYSICAL AND CHEMICAL PROPERTIES

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Form	Liquid	Color	No information available
Odor	None	Odor Threshold	Not Applicable
pH	Not Applicable	Specific Gravity	Not Applicable
Vapor pressure	Not Applicable	Vapor density	Not Applicable
Evaporation Rate	Not Applicable	Water solubility	Soluble in water
Partition Coefficient (n-octanol/water)	Not Applicable		
		Boiling point/range °C	Not Applicable
Boiling point/range °F	Not Applicable	Melting point/range °C	Not Applicable
Melting point/range °F	Not Applicable	Flash point °C	Not Applicable
Flash point °F	Not Applicable		

10. STABILITY AND REACTIVITY**Stability**

Stable.

Conditions to avoid

Dropping of containers may cause bursting.

Incompatability

Combustible materials. Reducing agents. Metals . Alkali metals. Aluminum. Zinc. Copper.

Hazardous Decomposition Products

Nitrogen. Hydrogen. oxygen.

Polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
<i>Ammonium Nitrate</i> 6484-52-2	2217 mg/kg	-	88.8 mg/L
<i>Water</i> 7732-18-5	90 mL/kg	-	-

Synergistic Products

None known

Potential health effects

Sensitization

None known

Chronic toxicity

None known

Mutagenic effects

None known

Teratogenic effects

None known

Reproductive toxicity

None known

Target Organ Effects

See Section 2

Carcinogenic effects

See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Ammonium Nitrate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Water	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION**Aquatic toxicity**

Harmful to aquatic organisms

13. DISPOSAL CONSIDERATIONS**Disposal Information**

Do not contaminate water, foodstuffs, seed, or feed by disposal.

Waste from residues / unused products

It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations. Dispose in accordance with federal, state, and local regulations.

14. TRANSPORT INFORMATION**DOT**

Not Regulated

TDG

Not Regulated

IMDG/IMO

Not Regulated

IATA

Not Regulated

14. TRANSPORT INFORMATION**MEX**

Not Regulated

15. REGULATORY INFORMATION

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Ammonium Nitrate	Not Listed	Listed	Not Listed
Water	Not Listed	Not Listed	Not Listed

Chemical Name	EINECS	DSL	NDSL	TSCA
Ammonium Nitrate	X	X	-	X
Water	X	X	-	X

CPR

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

16. OTHER INFORMATION

NFPA		HMIS	
Health	-	Health	-
Flammability	-	Flammability	-
Reactivity	-	Physical Hazard	-

Prepared By

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The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.