

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Versa-Pac™ Instant Cold Pack
Product Numbers	MH339 series, MH349 series, and MH35912
Manufacturer/Supplier	Ludlow Technical Products
Address	Two Ludlow Park Drive Chicopee, MA 01022
Phone Number	(413) 593-6400
Emergency Contact	CHEMTREC (800) 424-9300
Revision Date:	February 2004

This MSDS has been compiled in accordance with - OSHA's Hazcom Standard (29 CFR 1910.1200)

2. COMPOSITION/INFORMATION ON THE COMPONENTS

Component Name	CAS#	Concentration
Water		
Urea	57-13-6	

3. HAZARD IDENTIFICATION

Main Hazards

Not classified as hazardous.

Routes of Entry

Eye contact - Ingestion - Skin contact.

Carcinogenic Status

Not considered carcinogenic by NTP, IARC, and OSHA.

Target Organs

Eye, Ingestion, Skin

Health Effects - Eyes

None known. Not expected under normal use.

Health Effects - Skin

None known. Not expected under normal use.

Health Effects - Ingestion

None known. Not expected under normal use.

Health Effects - Inhalation

No adverse effects are expected during normal conditions of use.

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4. FIRST AID MEASURES

Eyes

Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

Skin

Wash skin thoroughly with soap and water. Obtain medical attention if irritation or redness persists.

Ingestion

Seek medical attention if large quantities have been ingested.

5. FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not Applicable.

UEL/LEL: Not Applicable.

Extinguishing Media

Not Flammable. Select extinguishing agent appropriate to other materials involved.

Unusual Fire and Explosion Hazards

None known.

Protective Equipment for Fire-Fighting

Wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

This product may be collected by carefully scooping into a pan, paper towel or other absorbent material. Transfer into suitable containers for recovery or disposal. No specific measures necessary.

7. HANDLING AND STORAGE

Storage area should be: - cool - dry - well ventilated - out of direct sunlight

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Control Measures

No specific measures necessary.

Respiratory Protection

Respiratory protection not normally required.

Skin Protection

Skin protection not normally required.

Eye Protection

Eye protection not normally required.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Color	Cloudy
Odor	Slight Ammonia odor
pH	No data.
Specific Gravity	No data.
Boiling Range/Point (°C/F)	No data.
Melting Point (°C/F)	N/A
Flash Point (PMCC) (°C/F)	N/A
Explosion Limits (%)	N/A
Vapor Pressure	No data.
Density	No data.
Solubility in Water	100%
Vapor Density (Air = 1)	No data.
Viscosity (cSt)	N/A

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Conditions to Avoid

None

Materials to Avoid

None

Hazardous Polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION

None Available.

12. ECOLOGICAL INFORMATION

None Available.

13. DISPOSAL

Dispose of in accordance with all applicable Federal, State, and local regulations.

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14. TRANSPORT INFORMATION

DOT CFR 172.101 Data	Not Regulated.
UN Proper Shipping Name	Not Regulated.
UN Class	None
UN Number	None
UN Packaging Group	None

15. REGULATORY INFORMATION

None Available.

16. OTHER INFORMATION

Prepared By:

The information and recommendations presented in this MSDS are based on sources believed to be accurate, therefore, Ludlow Technical Products assumes no liability for the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of the information for their particular purposes.
