



**MAXWELL CHASE**  
TECHNOLOGIES, LLC

**MATERIAL SAFETY DATA SHEET:** May be used to comply with OSHA’s Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**PRODUCT NAME: ICE WRAP**

**SECTION I MANUFACTURER’S INFORMATION**

Manufacturer’s Name and Address: Telephone No.: 404-344-0796 Fax No: 404-344-3908  
Maxwell Chase Technologies, L.L.C. Update Prepared: 1/28/08  
125 Westlake Parkway, Suite 100  
Atlanta, GA 30336

**SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION (based upon handling dry powder)**

<b>Hazardous Components</b>	<b>OSHA PEL</b>	<b>ACGIH</b>	<b>Other Limits Recommended</b>	<b>% (Optional)</b>
Specific Chemical Identity: Common Name(s)				
Manufacturer’s Recommended Exposure Guideline for respirable particulate	-	-	0.05 mg/m <sup>3</sup>	

**PRODUCT IDENTIFICATION**

Ice Wrap is a refrigerant blanket, comprising a polyester film laminate layer bonded to a bi-component non-woven fabric to form pockets containing superabsorbent polymer (dry powder). The film and non-woven fabric comply with regulations 21 CFR 177.1520 and 21 CFR 177.1630, respectively and with the EU Framework Directive 1935/2004.

<u>Chemical Name</u>	<u>CAS Number</u>	<u>%</u>
Sodium Polyacrylate, grafted	9003-04-7	≥ 93.5 - ≤ 94.5
Water	7732-15-5	4.0
Aluminum Sulphate White granular powder, odorless	10043-01-3	≥ 0.5 - ≤ 1.5

NFPA/HMIS: Health – 1 Fire - 0 Reactivity - 0 Specific Hazard - None  
Dot Class: Not Regulated

**SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS (based upon handling dry powder)**

Boiling Point	Not Applicable	Bulk density (Apparent g/cc)	0.7
Vapor Pressure (mm Hg.)	Not Applicable	Melting Point	Not Applicable
Vapor Density (Air = 1)	Not Applicable	Evaporation Rate (Butyl Acetate = 1)	Not Applicable
Appearance and Odor	Off White. Odorless		

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Method Used)	Not Available		
Flammable Limits	Not Available	LEL	UEL
Extinguishing Media	As with fire, wear positive pressure, self-contained breathing apparatus in any closed space when fighting fires. Use water foam, CO2 or dry chemical extinguishing media		
Unusual Fire and Explosion Hazards	Becomes slippery when wet Under certain conditions, a fine dust of this material in air may cause a dust explosion if ignited.		



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**SECTION V REACTIVITY DATA (based upon handling dry powder)**

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Stability	Stable	Conditions to avoid-None Known
Corrosive properties	Not corrosive	
Incompatibility (Materials to Avoid)	Strong Bases	Strong oxidizers
Hazardous Decomposition or By-products	Thermal Decomposition: CO, CO <sub>2</sub> , Hydrocarbons	
Hazardous Polymerization	Will not Occur	Conditions to avoid – None Known

**SECTION VI HEALTH HAZARD DATA - (based upon handling dry powder)**

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Route(s) of Entry:	<u>Inhalation? Yes</u> <u>Skin? Yes</u> <u>Ingestion? Yes</u>
Health Hazards (Acute and Chronic)	Contact with eyes, skin or clothing may cause irritation. Care must be taken to minimize exposure and prevent workplace inhalation of respirable dust. Respiratory protection is required for exposures above the minimum level of respirable dust.
Carcinogenicity:	<u>NTP? No</u> <u>IARC Monographs? No</u> <u>OSHA Regulated: No</u>
Signs and Symptoms of Exposure	Slight irritant effects
Medical Conditions Generally Aggravated by Exposure	None Known
Emergency and First Aid Procedures	Eyes: Flush with large quantities of water, consult physician. Skin: Wash with soap and water Inhalation: Remove to fresh air, consult physician.



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**SECTION VII      PRECAUTIONS FOR SAFE HANDLING AND USE (based upon handling dry powder)**

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Steps to be taken in Case Material is Released or Spilled: Vacuum (using HEPA filter equipped system) if possible to avoid generating airborne dust. Avoid adding water; the product will become slippery when wet.

Waste Disposal Method: Dispose of in accordance with federal, state and local regulations.

Precautions to be taken in Handling and Storing: Store in a cool, dry place. Avoid breathing powder. Avoid skin and eye contact.

Other precautions: Slippery when wet.

**SECTION VIII      CONTROL MEASURES (based upon handling dry powder)**

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Respiratory Protection:	Use NIOSH/MSHA approved or equivalent with high efficiency filter for particulate levels above 0.05 mg/m <sup>3</sup> .
Ventilation:	Local Exhaust – As appropriate to control airborne dust levels below the applicable exposure limits.
Protective Gloves:	Impervious/rubber Safety goggles
Other Protective Clothing or Equipment:	None
Work/Hygienic Practices:	Use good housekeeping practices.

The information herein has been compiled from sources believed to be reliable and is accurate to the best of our knowledge. However, Maxwell Chase Technologies, L.L.C. can not give any guarantees regarding information from other sources, and expressly does not make any warranties, nor assumes any liability, for its use.

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**ICE WRAP MSDS**