

MATERIAL SAFETY DATA SHEET

Date: July 1, 2004

SECTION I - GENERAL INFORMATION

MANUFACTURER'S NAME: Empire Blended Products, Inc.
MANUFACTURER'S ADDRESS: 250 Hickory Lane
Bayville, New Jersey 08721
EMERGENCY PHONE NUMBER: (732) 269-4949

PRODUCT NAME: ALL TEMP
TRADE NAME AND SYNONYMS: Empire Blended All Temp
CHEMICAL NAME: Calcium Chloride Aqueous Solution
CHEMICAL FAMILY: Liquid Calcium Chloride
FORMULA: 29% Calcium Chloride Solution

SECTION II - HAZARDOUS INGREDIENTS

<u>COMPONENT</u>	<u>CAS #</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
None				

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 230°-251°F (110°-122°C)
MELTING POINT: N/A
VAPOR PRESSURE: 7-15mm Hg @ 25°C
VAPOR DENSITY: N/A
SOLUBILITY IN WATER: Completely Miscible
SPECIFIC GRAVITY: 1.264-1.4 @ 20°C
PERCENT VOLATILE BY VOLUME: 58-70% (Water)
EVAPORATION RATE: N/A
APPEARANCE AND ODOR: Clear to straw colored liquid, no odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/A
FLAMMABLE LIMITS: N/A **LEL:** **UEL:**
EXTINGUISHING MEDIA: Non-Combustible

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

SECTION VII - CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION (SPECIFIC TYPE): NIOSH approved respirator

PROTECTIVE GLOVES: Rubber Gloves

EYE PROTECTION: Safety Goggles

VENTILATION TO BE USED:

LOCAL EXHAUST: X

MECHANICAL:

SPECIAL:

OTHER:

OTHER PROTECTIVE CLOTHING AND EQUIPMENT: Clean coveralls, boots and an apron, depending upon extent of exposure. Face shield and chemical goggles for extensive exposure. Eye fountain near work area.

HYGIENIC WORK PRACTICES: Remove contaminated clothing immediately; launder before reuse. Eye fountain near work area.

SECTION VIII - PRECAUTION FOR SAFE HANDLING AND USE/LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Flush area with large amount of water.

WASTE DISPOSAL METHOD: Dispose of material in accordance with Local, State or Federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Always use cool water (temperatures less than 80°F, 27°C) when diluting calcium chloride solution. Considerable heat is generated during mixing. Leather clothing and shoes will be damaged by calcium chloride. Avoid eye and prolonged skin contact. Store in a cool, dry area. Keep containers closed.

OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS: None