# SAFETY DATA SHEET

	GALETT BARACONEET	
Section 1	Chemical Product and Company Information	Page E1 of E2
	Scientific (800) 225-3739	CHEMTREC 24 Hour Emergency Phone Number (800) 424-9300 For laboratory use only. Not for drug, food or household use.
Product	MAGNESIUM CHLORIDE, HEXAHYDRATE	
Synonyms	Magnesium Chloride, 6-Hydrate	
Section 2	Hazards Identification	
Section 2 Hazards Identification   This substance or mixture has not been classified as hazardous accord to the Globally Harmonized System (GHS) of Classification and Labeling Chemicals.   Signal word: WARNING   Pictograms: No symbol required   Target organs: Central nervous system, Kidneys, Gastrointestinal tract   GHS Classification: Acute toxicity, oral (Category 5)   GHS Label information: Hazard statement:   H303: May be harmful if swallowed.		Precautionary statement: P312: Call a POISON CENTER or doctor if you feel unwell.

Ca Prop 65 - This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

Section 3 Composition / Information on Ingredients						
Chemical Name	CAS #	%	EINECS			
Magnesium chloride, hexahydrate	7791-18-6	100%	232-094-6 anhydrous			
Section 4 First Aid Measures						

**INGESTION:** MAY BE HARMFUL IF SWALLOWED. Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

EYE CONTACT: Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

SKIN ABSORPTION: Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

### Section 5 Fire Fighting Measures

Suitable Extinguishing Media: Carbon dioxide, dry chemical, dry sand, alcohol foam.

Protective Actions for Fire-fighters: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

Specific Hazards: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

## Section 6 Accidental Release Measures

Personal Precautions: Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

Environmental Precautions: Avoid runoff into storm sewers and ditches which lead to waterways.

Containment and Cleanup: Recover for reuse if not contaminated. Sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water.

### Section 7 Handling & Storage

Precautions for Safe Handling: Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale dusts. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

Conditions for Safe Storage: Store in a cool, dry, well-ventilated area away from incompatible substances. Avoid high humidity and moisture.

Section 8	Exposure Controls / Personal Protection					
Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)		
Exposure Linnes.	Magnesium chloride	Not established	Not established	Not established		

**Engineering controls:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

Respiratory protection: None should be needed in normal laboratory handling at room temperatures. If dusty conditions prevail, work in fume hood or wear a NIOSH/MSHAapproved respirator.

approved respirator.								
Section 9	Section 9 Physical & Chemical Properties							
Appearance: Solid. Colorless, flakes or crystals   Odor: No odor.   Odor threshold: Data not available   pH: 7.0 (aqueous solution)   Melting / Freezing point: 118°C (244°F)   Boiling point: Data not available   Flash point: Non flammable		Flammability (s Explosion limits Vapor pressure Vapor density ( Relative density	Evaporation rate (=1): Data not availablePartitFlammability (solid/gas): Data not availableAutoExplosion limits: Lower / Upper: Not applicableDecoVapor pressure (mm Hg): Data not availableViscoVapor density (Air = 1): Data not availableMole		Auto-ignitio Decomposi Viscosity: Molecular f	artition coefficient: Data not available uto-ignition temperature: Data not available ecomposition temperature: Data not available scosity: Data not available olecular formula: MgCl <sub>2</sub> +6H <sub>2</sub> O olecular weight: 203.31		
Section 10	Stability & Reactivity							
Chemical stability: Stability: Stability:   Conditions to avoid: Excessive temperatures and heat. Avoid high humidity and moisture.   Incompatible materials: Strong oxidizers.   Hazardous decomposition products: Hydrogen chloride gas, magnesium oxide.								
Section 11	Toxicological Information	ation						
Acute toxicity: Oral-rat LD50: 2800 mg/kg (anhydrous)   Skin corrosion/irritation: Data not available   Serious eye damage/irritation: Data not available   Respiratory or skin sensitization: Data not available   Gern cell mutagenicity: Data not available   Gern cell mutagenicity: Data not available   Carcinogenity: Data not available   NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.   IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.   OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.   Reproductive toxicity: Data not available   STOT-single exposure: Data not available   STOT-repeated exposure: Data not available   Potential health effects: Inhalation:   Inhalation: Inhalation may cause mild irritation to the mucous membranes.   Ingestion: Ingestion my cause addominal pain, vomiting and diarrhea.   Skin: Contact may cause mechanical irritation.   Eyes: Contact may cause mechanical irritation.   Signs and symptoms o								
Section 12 Ecological Information								
Toxicity to fish: Gambusia affinis (fish, fresh water), LC50 = 16,500 mg/L/96 hours   Toxicity to daphnia and other aquatic invertebrates: Daphnia magna (Crustacea), EC50 = 3,190 mg/L/24 hours   Toxicity to algae: Scenedesmus subspicatus (Algae), EC50 = 2,200 mg/L/72 hours   Persistence and degradability: No data available   Mobility in soil: No data available   PBT and vPvB assessment: No data available   Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.								
Section 13 Disposal Considerations								
These disposal guidelines are intended for the disposal of catalog-size quantities only. Federal regulations may apply to empty container. State and/or local regulations may be different. Dispose of in accordance with all local, state and federal regulations or contract with a licensed chemical disposal agency. Section 14 Transport Information (US DOT / CANADA TDG)								
UN/NA number:Not applicableShipping name:Not RegulatedHazard class:Not applicablePacking group:Not applicableReportable Quantity:NoExceptions:Not applicable2012 ERG Guide #Not applicableMarine pollutant:No								
Section 15	Regulatory Informati							
	d to be listed if the CAS numb		•		Dei	NDCI		
Compone Magnesium chloride,		TSCA Not listed	CERLCA (RQ) Not listed	RCRA code Not listed	DSL Not listed	NDSL Not listed	WHMIS Classification Not listed	
Section 16	Additional Information	on						

#### Section 16 Additional Information

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. NTP: National Toxicology Program, IARC: International Agency for Research on Cancer, OSHA: Occupational Safety and Health Administration, STOT: Specific Target Organ Toxicity, SE: Single Exposure, RE: Repeated Exposure, ERG: Emergency Response Guidebook.