



**SAFETY DATA SHEET**

**Tri Magnesium Citrate  
16%+4% HPC**

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**SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Name</b>	TRIMAGNESIUM CITRATE 16% WITH 4% KLUCEL
<b>Synonym</b>	TRIMAGNESIUM CITRATE 16% WITH 4% HPC
<b>Chemical Name</b>	Not available
<b>Chemical Formula</b>	Not available
<b>Company</b>	Gadot Biochemical Industries Ltd
<b>Address</b>	Haistadrut 117 Ave. P.O.B 10636 Haifa Bay 2629213 ISRAEL
<b>Phone</b>	972-4-8461565
<b>Fax</b>	972-4-8461560

**SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENT**

<b>Composition</b>	Magnesium citrate (CAS#3344-18-1), Magnesium oxide (CAS#1309-48-4), Hydroxypropylcellulose (CAS#9004-64-2)
<b>Toxicological Data on Ingredients</b>	Not applicable

**SECTION 3: HAZARDS IDENTIFICATION**

<b>Potential Acute Health Effects</b>	Slightly hazardous in case of skin contact (irritant) or eye contact (irritant), or inhalation.
<b>Potential Chronic Health Effect</b>	
<b>CARCINOGENIC EFFECTS</b>	Not available
<b>MUTAGENIC EFFECTS</b>	Not available
<b>TERATOGENIC EFFECTS</b>	Not available
<b>DEVELOPMENTAL TOXICITY</b>	Not available
<b>Repeated or prolonged exposure</b>	Not known to aggravate medical conditions.

**SECTION 4: FIRST AID MEASURES**

<b>Eye Contact</b>	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.
<b>Skin Contact</b>	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used.
<b>Serious Skin Contact</b>	Not available
<b>Inhalation</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
<b>Serious Inhalation</b>	Not available
<b>Ingestion</b>	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
<b>Serious Ingestion</b>	Not available



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**SECTION 5: FIRE AND EXPLOSION DATA**

<b>Flammability of the product</b>	May be combustible at high temperature.
<b>Auto Ignition temperature</b>	Not available
<b>Flash Points</b>	Not available
<b>Flammable limits</b>	Not available
<b>Products of combustion</b>	Emits toxic fumes under fire conditions.
<b>Fire Hazards in presence of various substances</b>	Slightly flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks.
<b>Explosion hazards in presence of various substances</b>	
<b>Risks of explosion of the product in presence of mechanical impart</b>	Not available
<b>Risks of explosion of the product in presence of static discharge</b>	Not available
<b>Fire fighting media and instructions</b>	
<b>SMALL FIRE</b>	Use DRY chemical powder.
<b>LARGE FIRE</b>	Use water spray, fog or foam. Do not use water jet.
<b>Special remarks on fire hazards</b>	Not available.
<b>Special remarks on explosion hazards</b>	Not available.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

<b>Small spill</b>	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
<b>Large</b>	Use shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow evacuating through the sanitary system.

**SECTION 7: HANDLING AND STORAGE**

<b>Precautions</b>	Keep away from heat. Keep away from sources of ignition. Do not breathe dust. Keep away from incompatibles such as oxidizing agents.
<b>Storage</b>	Keep container tightly closed. Keep container in a cool, well-ventilated area.

**SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

<b>Engineering controls</b>	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminates below the exposure limit.
<b>Personal protections</b>	Safety glasses, lab coat, dust respirator. Be sure to use an approved/certified respirator or equivalent, glove.
<b>Personal protection in case of a large spill</b>	Splash goggles. Full suit, Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
<b>Exposure limits</b>	Not available.



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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Physical state and appearance	Solid
Odor	Characteristic
Taste	Not available
Molecular weight	Not available
Color	White to off-white
pH (1% soln/water)	>7 (basic)
Boiling point	Not available
Melting point	Not available
Critical Temperature	Not available
Specific gravity	Not available
Vapor pressure	Not available
Vapor density	Not available
Volatility	Not available
Odor Threshold	Not available
Water/oil dist. Coeff.	Not available
Ionicity (in water)	Not available
Dispersion properties	See solubility in water
Solubility	Not available

**SECTION 10: STABILITY AND REACTIVITY DATA**

Stability	The product is stable
Instability temperature	Not available
Conditions of instability	Excess heat, incompatible materials
Incompatibility with various substances	Reactive with oxidizing agents
Corrosivity	Not available
Special remarks on reactivity	Incompatible with strong oxidizing agents.
Special remarks on corrosivity	Not available
Polymerization	Will not occur.

**SECTION 11: TOXICOLOGICAL INFORMATION**

Routes of entry	Inhalation. Ingestion
Toxicity to Animals	
LD50	Not available
LC 50	Nob available
Chronic effects on humans	Not available
Other toxic effects on humans	Slightly hazardous in case of skin contact (irritant), of halation.
Special remarks on toxicity to animals	Not available
Special remarks on chronic effects on humans	
Special Remarks on other toxic effects on humans	
Acute potential heath effects	
Skin	May cause skin irritation.
Eyes	Dust may cause mechanical irritation to the eyes
Inhalation	Dust my cause respiratory tract irritation
Ingestion	Ingestion of large amounts may cause gastrointestinal tract irritation.
Chronic potential health effects	No information found at this time.



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**SECTION 12: ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	Not available
<b>BOD5 and COD</b>	Not available
<b>Products of Biodegradation</b>	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
<b>Toxicity of the products of biodegradation</b>	Not available.
<b>Special remarks on the products of biodegradation</b>	Not available

**SECTION 13: DISPOSAL CONSIDERATIONS**

<b>Waste disposal</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations
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**SECTION 14: TRANSPORT INFORMATION**

<b>DOT classification</b>	Not a DOT controlled material (United States)
<b>Identification</b>	Not applicable
<b>Special provisions for transport</b>	Not applicable

**SECTION 15: OTHER REGULATORY INFORMATION**

<b>Federal and state regulations</b>	No products were found
<b>Other regulations</b>	Not available
<b>Other classifications</b>	
<b>WHMIS (Canada)</b>	Not controlled under WHMIS (Canada)
<b>DSCL (EEC)</b>	S26/S36 in case of contact with eyes, rinse immediately with plenty of water and seek medical advice, R36/R37/R38 classification and labeling according to EU directives indication of danger Xi.
<b>HMIS (U.S.A)</b>	
<b>Health hazard</b>	1
<b>Fire hazard</b>	1
<b>Reactivity</b>	0
<b>Personal protection</b>	E
<b>National fire protection associations (USA)</b>	
<b>Health</b>	1
<b>Flammability</b>	1
<b>Reactivity</b>	0
<b>Specific hazard</b>	
<b>Protective equipment</b>	Gloves, lab coat, dust respirator. Be sure to use an approved/certified respirator or equivalent safety glasses.

**SECTION 16: OTHER INFORMATION**

<b>Date printed</b>	May 9, 2013
<b>Date updated</b>	October 5 <sup>th</sup> , 2014