

**Safety Data Sheet**

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

**Section 1: Identification****Product Name** Magnesium Citrate USP Tribasic Hydrate**Commercial Name** Not available.**Product Use** Not available.**Restrictions On Use** Not available.**Product Code** 30-3326**Company** PCCA  
9901 South Wilcrest  
Houston, TX 77099  
Phone: 1-800-331-2498  
Fax: 1-800-874-5760In case of emergency contact:  
**CHEMTREC (24hr) 1-800-424-9300****Section 2: Hazard(s) Identification****OSHA Haz Com:** Not available.**CFR 1910.1200****Signal Word** NON-HAZARDOUS**Hazard Statement(s)** N/A**Pictogram(s) or Symbol(s)****Precautionary Statement(s):****Prevention** Not available.**Response** Not available.**Storage** Not available.**Disposal** Not available.**Section 3: Composition/Information on Ingredients****Substance/Mixture** Substance**Components** Magnesium Citrate Hydrated**% By Weight** 100**CAS#** 3344-18-1**Molecular Weight** 451.13 g/mole**Chemical Formula** C<sub>12</sub>H<sub>10</sub>Mg<sub>3</sub>O<sub>14</sub> X H<sub>2</sub>O**Synonym(s)** 2-Hydroxy-1,2,3-propanetricarboxylic acid magnesium salt, magnesium citrate tribasic.**Mixtures**

<b>Name</b>	<b>CAS#</b>	<b>% by Weight</b>	<b>TLV/PEL</b>	<b>LC50/LD50</b>
Magnesium citrate tribasic	3344-18-1	100		

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**Section 4: First-Aid Measures**

<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing.
<b>Skin Contact</b>	Wash skin with plenty of water
<b>Eye Contact</b>	Rinse eyes with water as a precaution.
<b>Ingestion</b>	Call a poison center/doctor/physician if you feel unwell.
<b>Symptoms/Effects</b>	
<b>Acute</b>	May cause respiratory irritation. after skin contact : Slight irritation. after eye contact : Slight irritation.
<b>Delayed</b>	May cause respiratory irritation. after skin contact : Slight irritation. after eye contact : Slight irritation.
<b>Immediate Medical Attention</b>	
Treat symptomatically	

**Section 5: Fire-Fighting Measures****Suitable Extinguishing Media**

Water spray. Dry powder. Foam.

**Unsuitable Extinguishing Media**

Not available.

**Products of Combustion**

Not flammable. The product is non-reactive under normal conditions of use, storage and transport.

**Firefighters Special Equipment and Precautions**

Do not dispose of fire-fighting water in the environment. Cool down the containers exposed to heat with a water spray. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

**Section 6: Accidental Release Measures**

Protective equipment : Protective clothing. See "Material-Handling" to select protective clothing. Emergency procedures : Ventilate spillage area. For emergency responders: Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". Environmental precautions: Avoid release to the environment. For containment : Collect all waste in suitable and labeled containers and dispose according to local legislation. Methods for cleaning up : Mechanically recover the product. Other information : Dispose of materials or solid residues at an authorized site.

**Section 7: Handling and Storage**

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Technical measures : Does not require any specific or particular technical measures. Storage conditions : Store in a clean, dry warehouse in the original unopened containers. Store in a well-ventilated place. Keep cool. Incompatible materials : Strong oxidizers.

**Section 8: Exposure Controls/Personal Protection**

<b>Exposure Limits</b>	Not available.
<b>Engineering Controls</b>	Appropriate engineering controls : Ensure good ventilation of the work station. Environmental exposure controls : Avoid release to the environment.
<b>Personal Protection</b>	Dust production: dust mask with filter type P1. Gloves. Safety glasses. Hand protection: protective gloves Eye protection: Safety glasses Skin and body protection: Wear suitable protective clothing Respiratory protection: Dust production: dust mask with filter type P1

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	White/Off White Fine Granular. White powder. Solid.		
<b>Odor</b>	odorless		
<b>Odor Threshold</b>	Not available.		
<b>Melting Point</b>	184 °C	<b>pH</b>	3.5 - 4.5 50 g/l (20 C; aqueous sol.
<b>Freezing Point</b>	Not available.	<b>Vapor Pressure</b>	Not available.
<b>Boiling Point/Range</b>	Not available.	<b>Vapor Density</b>	Not available.
<b>Decomposition temperature</b>	Not available.	<b>Viscosity</b>	Not available.
<b>Partition Coefficient: n-octanol/water</b>	Not available.	<b>Evaporation Rate</b>	Not available.
<b>Flash Point</b>	Not available.	<b>Autoignition temperature</b>	Not available.
<b>Flammability</b>	Non flammable.	<b>Flammability or Explosive Limits:</b>	
		<b>Lower</b>	Not available.
		<b>Upper</b>	Not available.
<b>Solubility(ies)</b>	Poorly soluble in water.		
<b>Other</b>	Molecular mass : 451.13 g/mol (anhydrous)		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	The product is non-reactive under normal conditions of use, storage and transport.
<b>Chemical Stability</b>	Stable under normal conditions.
<b>Hazardous Polymerization</b>	No dangerous reactions known under normal conditions of use.
<b>Conditions to Avoid</b>	Not available.
<b>Incompatible Materials</b>	Strong oxidizers.
<b>Hazardous Decomposition Products</b>	Carbon dioxide. Carbon monoxide. Magnesium oxide fumes.

**Section 11: Toxicological Information**

**RTECS** Not available.

**Acute Toxicity**

LD50: Not available. LC50: Not available.

**Skin Corrosion/Irritation**

Not available.

**Serious Eye Damage/Irritation**

Not available.

**Respiratory or Skin Sensitization**

Not available.

**Germ Cell Mutagenicity**

Not available.

**Carcinogenicity**

Not available.

**Reproductive Toxicity**

Not available.

**Routes of Entry**

Not available.

**Symptoms Related to Exposure**

May cause respiratory irritation. after skin contact : Slight irritation. after eye contact : Slight irritation.

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**Potential Health Effects**

Not available.

**Target Organ(s)**

Not available.

**Section 12: Ecological Information****Ecotoxicity**

The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

**Persistence and Degradability**

Not available.

**Bioaccumulative Potential**

Not available.

**Mobility in Soil**

Not available.

**Other Adverse Effects**

Not available.

**Section 13: Disposal Considerations****Waste Disposal**

Dispose of contents/container in accordance with licensed collector's sorting instructions.

**Disposal of Container**

Dispose in a safe manner in accordance with local/national regulations.

**Other Considerations**

Not available.

**Section 14: Transport Information****DOT Classification**

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

**Section 15: Regulatory Information****Regulations**

Not available.

**Other**

Not available.

**Section 16: Other Information**

Not available.