


MATERIAL SAFETY DATA SHEET

5100 W. Henrietta Rd. West Henrietta, NY 14586
TEL: (866) 260-0501
MSDS No. 9417206 9417406
9417509
Effective Date: September 12, 2002

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	Magnesium carbonate Powder	416-984-3000							
Chemical Synonyms	N/A	<table border="1"> <tr><td>Health</td><td>1</td></tr> <tr><td>Flammability</td><td>0</td></tr> <tr><td>Reactivity</td><td>1</td></tr> </table>		Health	1	Flammability	0	Reactivity	1
Health	1								
Flammability	0								
Reactivity	1								
Formula	4MgCO ₃ ·Mg(OH) ₂ ·5H ₂ O	<table border="1"> <tr><td>HAZARD RATING</td><td>WHMIS</td></tr> <tr><td>LEAST 0</td><td>HIGH 3</td></tr> <tr><td>SLIGHT 1</td><td>MODERATE 2</td><td>EXTREME 4</td></tr> </table>	HAZARD RATING	WHMIS	LEAST 0	HIGH 3	SLIGHT 1	MODERATE 2	EXTREME 4
HAZARD RATING	WHMIS								
LEAST 0	HIGH 3								
SLIGHT 1	MODERATE 2	EXTREME 4							
CAS No.	39409-82-0								

SECTION II DANGEROUS INGREDIENTS

Name	%	TLV Units
Magnesium carbonate basic (light, heavy, precipitated)	100%	N/A
CAUTION!		

SECTION III PHYSICAL DATA

Melting Point (°C)	N/A	Specific Gravity (H ₂ O = 1)	2.16
Boiling Point (°C)	N/A	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	Negligible.	Evaporation Rate (n-Butyl acetate =1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Slightly.		
Appearance & Odor	White powder; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash point	Not flammable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Firefighting Procedures	Use dry chemical, CO ₂ , alcohol foam, or water spray.				

Flammability and Explosion Hazards	No specific information is available.
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TDG	Not a TDG controlled material.
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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. For laboratory use only. Not for drug, food or household use. Keep out of reach of children. Printed on recycled paper.

Ch. 5

SECTION V REACTIVITY DATA MM0040

Chemical Stability	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	If no, under what conditions?
Incompatible with Other products	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Dilute acids.
Hazardous Decomposition Products	Carbon oxides.		
Reactive under what conditions	Soluble in dilute effervescence acid solution.		

SECTION VI TOXICOLOGICAL PROPERTIES

Route of Entry	Inhalation. Ingestion.
TLV	Not available.
Toxicity for animals	Not available.
Chronic effects on humans	There are no known effects from chronic exposure to this product. Target organs: None known.
Acute effects on humans	Contact may cause irritation to the eyes and the respiratory tract.

SECTION VII PREVENTIVE MEASURES

Waste Disposal	Discharge, treatment, or disposal may be subject to local laws. Consult your local or regional authorities.
Storage	Keep container in a cool, well ventilated place. Keep away from heat. Keep away from incompatible materials.
Precautions	Avoid contact with skin and eyes. Do not breathe dust. Use with adequate ventilation. Do not ingest. If ingested, seek immediate medical attention.
Spill or leak	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Wash spill area with soap and water.
Protective Clothing	Gloves, safety glasses, lab coat, dust respirator.

SECTION VIII FIRST AID MEASURES

Specific first aid measures	Ingestion: Call physician or Poison Control Center immediately. Induce vomiting only if advised by the appropriate medical personnel. Eye contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek medical attention. Skin contact: Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Inhalation: Move victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Allow victim to rest in a well ventilated area. Seek immediate medical attention.
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SECTION IX PREPARATION OF THE MSDS

Rev. No.	2	Date	September 12, 2002	Approved	Michael Raszeja
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