

284 120 002

MATERIAL SAFETY DATA SHEET

MSDS No.

MAGNESIUM CARBONATE

VIVION INC.
929 BRANSTEN ROAD
SAN CARLOS, CA 94070

IMPORTANT: Read this MSDS before handling and disposing of this product and pass this information on to employees, customers, and users of this product.

I. General			
Trade Name Magnesium Carbonate		Telephone Numbers EMERGENCY 415-595-3600 CHEMTREC 800-424-9300 HOT LINE CUSTOMER SERVICE 415-595-3600 MSDS/INFO	
Formula : 3.2 MgCO ₃ Mg (OH) ₂ 3.2 H ₂ O			
Chemical Family Alkaline Earth Salt	DOT Hazard Material Proper Shipping Name N / AP		
Generic Name Magnesium Carbonate	DOT Hazard Class N / AP		
CAS NO.	Company ID No.	UN/NA ID NO:	
II. CAUTION Summary of Hazards			
Contains no component listed in 29CFR 1910.1000 Tables Z-1, Z-2 or Z-3 nor anything in other pertinent sections of 29CFR 1910.1001 thru 1910.1029			
III. Fire and Explosion			
Flash Point (Method) N/A	Autoignition Temperature (Method) N/A	Flammable Limits (% Vol. in Air) Lower Upper Non Flammable	
Fire and Explosion Hazards There are no fire or explosion hazards			
Extinguishing Media	Decomposes with the release of CO ₂ at elevated temperatures.		HAZARD RATING 4 - Extreme 3 - High 2 - Moderate 1 - Slight 0 - Insignificant Health 1 Fire 1 Reactivity 1 Special
Special Firefighting Procedures	Precautions should be taken to provide operating personnel with adequate oxygen supply when large volumes of MgCO ₃ are exposed to elevated temperatures		

IV. Health Hazards					
Summary of Acute Hazards					
ROUTE OF EXPOSURE		SIGNS AND SYMPTOMS		Primary Route (s)	
Inhalation		May cause irritation to respiratory tract			
Eye Contact		May cause irritation to eyes			
Skin Absorption					
Skin Irritation		None Identified			
Ingestion		Functions as Antacid at 600 mg.; As Laxative at 8 mg level			
Summary of Chronic Hazards and Special Health Effects		No data available			
V. Protective Equipment and other Control Measures					
Eye		Safety Glasses			
Respiratory		Use an approved dust respirator			
Skin					
Engineering Controls		Ventilation: Use adequate general or local exhaust ventilation			
Other Hygienic and Work Practices					
VI. Occupational Exposure Limits					
Substance	Source	Date	Type	Value/Unit	Time
NOT AVAILABLE					

VII. Emergency and First Aid

Inhalation	Remove to fresh air
Eye Contact	Flush eyes with large quantities of water for at least 15 mins including under eyelids
Skin Contact	Wash thoroughly with water
Ingestion	Do not induce vomiting. Drink water or milk
Emergency Medical Treatment Procedures	Emergency very unlikely

VIII. Spill and Disposal

Precaution if material is Spilled or Released	Spills pose no unusual safety hazards and normal plant clean-up procedures can be followed
Waste Disposal Methods	Dry landfill if local regulation permit.

IX. Components

This may not be a complete list of components

Component Name	CAS No.	Carcinogen ##	Composition amount (Vol.) (see Qualification on Page 4)
None			
## Listed By: 1 = NTP, 2 = IARC, 3 = OSHA, 4 = Other			Compositions given are typical values, not specifications

X. Physical and Chemical Data			
Boiling Point N/A	Viscosity Units, Temp. (Method) N/A		Dry Point
Melting Point N/A	Vapor Pressure Nil		Volatile Characteristics 56 - 58%
Specific Gravity (H ₂ O=1 at 39.2°F) 2-16	Vapor Sp.Gr.(Air=1.0 at 60°-90°F) Not applicable	Solubility in Water (cold) 04	pH
Hazardous Polymerization Will not occur	Other Chemical Reactivity		Stability STABLE

Other:

Appearance and Odor Light, bulky White Powder No Odor

Conditions to Avoid Soluble in dilute acids with effervescence

Materials to Avoid Dilute Acids

Hazardous Decomposition Products CO₂ (Carbon Dioxide)

XI. Additional Precautions

Handling, Storage, and Decontamination Procedures None, except to protect product from external contamination to maintain its utilitarian value

General Comments

-----Note-----Qualifications EQ=Equal AP=Approximately N/P=No Applicable Information Found
 LT=Less Than UK= Unknown N/AP=Not Applicable
 GT= Greater Than TR=Trace N/DA=No Data Available

Disclaimer of Liability

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This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

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XII.

Regulatory Information

NONE KNOWN