

Harcros Chemicals Inc
Kansas City, Kansas

CHMAGC

Magnesium Carbonate

MATERIAL SAFETY DATA SHEET Page 1

PRODUCT NAME : MAGNESIUM CARBONATE TECH
PRODUCT CODE : 06899

Date: 18-JUN-1998 11:39:37.16

50# BAG-LIG

CAS #: 007760501

MSDS No. 000797

Revision No./Date 01 930727
Detail Number 00382/01

FORMULA: 4MgCO_3 , $\text{Mg}(\text{OH})_2 \cdot 4\text{H}_2\text{O}$
CHEM. FAMILY: inorganic salts

CHEMICAL NAME AND SYNONYMS:

Magnesium Carbonate;
Magnesium Carbonate Hydroxide;
Magnesite;

MSDS 000797 DETAIL 00382

SUPPLIERS NAME : Harcros Chemicals Inc.
5200 Speaker Road
Kansas City KS 66106-1095

SUPPLIERS PHONE NUMBER : 913-321-3131
TRANSPORTATION EMERGENCY PHONE NUMBER : 1-800-424-9300

S.A.R.A. INFORMATION

HAZARDS : Acute
PHYSICAL DATA : Pure Solid

SECTION I HAZARDOUS INGREDIENTS

Ingredient Cas Number	MAX % W/W	SARA APPLIES			AIR CONTAMINANT LEVELS				SKIN	AGENT
		312	313	372	TWA/TLV (ppm)	STEL (ppm)	CEIL (ppm)			
Magnesium Carbonate Magnesite (CAS # 7760-50-1)	100.0	Y	N	N	PARTICULATES NOT OTHERWISE REGULATED					
					Total TWA	15 mg/m3	OSHA			
					Total TLV	10 mg/m3	ACGIH			
					Respirable Dust	5 mg/m3	OSHA			

SECTION II HEALTH HAZARDS

POTENTIAL EFFECTS OF EXPOSURE

EYES

Eye contact with product may cause irritation

SKIN

No hazard expected by this route in normal use.

INHALATION

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(CONTINUED)

SECTION II HEALTH HAZARDS

Inhalation may cause irritation
Prolonged or repeated overexposure by inhalation may cause bronchitis

INGESTION

Ingestion may cause diarrhea

TARGET ORGANS

OVEREXPOSURE MAY CAUSE DAMAGE TO,
blood

FIRST AID

FIRST AID EYES

Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids apart to ensure flushing of entire surface. Call a physician.

FIRST AID SKIN

Immediately flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse. Call a physician.

FIRST AID INHALATION

Remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult give oxygen. Call a physician.

FIRST AID INGESTION

If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Call a physician.

OTHER INFORMATION

ROUTES OF ENTRY

eye contact inhalation

OVEREXPOSURE MAY AGGRAVATE DISORDERS OF THE
blood lungs

SECTION III SPECIAL PROTECTION

PROTECTIVE EQUIPMENT

PROTECTIVE EQUIPMENT EYES

safety glasses with side shield Do Not wear contact lenses when working with chemicals.

PROTECTIVE EQUIPMENT SKIN

impervious gloves

PROTECTIVE EQUIPMENT INHALATION

If exposure limits are exceeded, or if exposure may occur, use a NIOSH/MSHA respirator approved for your conditions of exposure. Refer to the most recent NIOSH publications concerning chemical hazards, or consult your safety equipment supplier. Respiratory protection programs must be in compliance with OSHA requirements in 29 CFR 1910.134. For emergencies, a NIOSH/MSHA approved positive pressure breathing apparatus should be readily available.

VENTILATION REQUIRED:

Adequate ventilation is required to minimize exposure or to maintain exposure levels below

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SECTION III SPECIAL PROTECTION

(CONTINUED)

OSHA/ACGIH requirements.

ADDITIONAL PROTECTIVE MEASURES

Safety shower, eye wash fountain, and washing facilities should be readily available.

SECTION IV FIRE & EXPLOSION HAZARD DATA

Flash Point (METHOD): > OR = N/A

Flammable Limits (% Volume in Air)

UPPER: N/D

Lower: N/D

HMIS Info Health : 1
 Fire : 0
 React : 0
 Special : X

EXTINGUISHING MEDIA

media appropriate for surrounding fire

FIRE FIGHTING PROCEDURES

Prevent human exposure to fire, fumes, smoke, and products of combustion. Evacuate non essential personnel. Firefighters should wear full face, self contained breathing apparatus and impervious protective clothing.

UNUSUAL FIRE & EXPLOSION HAZARDS

Toxic fumes may be released.

SECTION V PHYSICAL DATA

Boiling Point: N/D

Freezing Point: N/D

Specific Gravity (H₂O=1): > OR = 2.1600 @ 68 deg. F

Vapor Pressure (MM HG.): N/D

Vapor Density (AIR=1): N/D

Evaporation Rate (NA =1): N/D

Solubility in Water: NIL

Percent Volatile by Volume: 56.00 to 58.00

pH: aqueous approx. N/D

Appearance:

SOLID - POWDER, CRYSTAL, FLAKE, GRANULE

TABLET, PRILL, BRIQUETTE, ETC.

Odor :

NIL

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SECTION V PHYSICAL DATA

(CONTINUED)

SECTION VI REACTIVITY DATA

STABILITY

Stable

INCOMPATIBILITY

inorganic acids

HAZARDOUS DECOMPOSITION PRODUCTS

carbon dioxide carbon monoxide

HAZARDOUS POLYMERIZATION

Will not occur

SECTION VII SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Sweep, shovel, or pick up and return to dry, clean container.

DISPOSAL METHOD

Material that cannot be used or chemically reprocessed should be disposed of at an approved facility in accordance with any applicable regulations under the Resource Conservation and Recovery Act. Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State.

SECTION VIII

Proper Shipping Name: UNCLASSIFIED

Label Requirements: NONE

Reportable Quantity: None

SECTION IX ADDITIONAL INFORMATION

PRECAUTIONS

Do Not breathe dust. Do Not get in eyes. Do not swallow. Wash thoroughly after handling.

HANDLING

Keep away from water or acid.

STORAGE

Keep container closed when not in use. Store in a cool dry place. Keep out of reach of children.

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Date: 18-JUN-1998 11:39:40.05

(CONTINUED)

NAME: GENE TURNER

DATE ISSUED: 930727

DATE REVISED: 930727

UNK = UNKNOWN

< = LESS THAN

N/A = NOT APPLICABLE

> = MORE THAN

N/D = NOT DETERMINED

N/E = NOT ESTABLISHED

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