Westco Chemicals, Inc.

12551-61 Saticoy Street South - North Hollywood, CA 91605
TEL:323- 877-0077 818-255-3655 FAX: 818-255-3650

Data Sheet

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCTS & COMPANY IDENTIFICATION

Name of Company: Westco Chemicals, Inc.
Address: 12551-61 Saticoy Street South
North Hollywood, CA 91605
Telephone: 818-255-3655

Emergency Contact: Chemtrec 800-424-9300

CAS Number: 7760-50-1
Substance: Basic Magnesium Carbonate
Chemical Family: Inorganic Salt

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Component: Basic Magnesium Carbonate
CAS Number: 7760-50-1
%: 100.0
Other Contaminants: None

SECTION 3. HAZARDS IDENTIFICATION

NFPA Ratings: Health 1
Fire 0
Reactivity 0

Emergency Overview:

Odorless white powder.
Avoid breathing dust. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Wash thoroughly after handling. Use only with adequate ventilation.

Potential Health Effects:

Inhalation: Short Term Effects: May cause irritation.
Long Term Effects: No information available.

Skin Contact: Short Term Effects: No information available.
Long Term Effects: No information available.

Eye Contact: Short Term Effects:May cause irritation.
Long Term Effects: Same effects as short term exposure.

Ingestion: Short Term Effects: May cause diarrhea and stomach pain.
Long Term Effects: No information available.

Carcinogen Status: No

SECTION 4: FIRST AID MEASURES

Inhalation First Aid: remove from exposure area to fresh air immediately. Perform artificial respiration if necessary. Keep person warm and at rest. Treat symptomatically and supportively. Get medical attention immediately.

Skin Contact First Aid: Remove contaminated clothing and shoes immediately. Wash with soap or mild detergent and large amount of water until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately.

Eye Contact First Aid: Wash eyes immediately with large amounts of water or normal saline, occasionally lifting upper and lower lids, until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately.

Ingestion First Aid: If vomiting occurs, keep head lower than hips to help prevent aspiration. Treat symptomatically and supportively. Get medical attention if needed.

Note to Physician: Antidote: The following antidote has been recommended. However, the decision as to whether the severity of poisoning requires administration of any antidote and actual dose required should be made by qualified medical personnel.
Magnesium Compound Poisoning: When the serum magnesium level exceeds 5 meq/L and the patient exhibit symptoms, give calcium gluconate, 10mL of 10% solution (intravenously) over several minutes. The dose may be repeated once, then the level should be checked again. Antidote should be administered by qualified medical personnel.

SECTION 5: FIRE FIGHTING MEASURES

Fire and Explosion Hazard: Negligible fire hazard when exposed to heat or flame.

Extinguishing Media: Dry chemical, carbon dioxide, water spray or regular foam. For larger fires, use water spray, fog or regular foam.

Firefighting: Move container from fire area if you can do it without risk. Do not scatter spilled material with high-pressure water streams. Dike fire-control water for later disposal. Use agents suitable for type of surrounding fire. Avoid breathing hazardous vapors, keep upwind.

Hazardous Combustion Products: Thermal decomposition may release toxic oxides of carbon and magnesium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Occupation Spill: Sweep up and place in suitable clean, dry containers for reclamation or later disposal. Do not flush spilled material into sewer. Keep unnecessary people away.

SECTION 7: HANDLING AND STORAGE

Observe all federal, state and local regulations when storing this substance. Keep in a tightly closed container. Store in a cool, dry, ventilated area. Store away from incompatible substances.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: No occupational exposure limits established by OSHA, ACGIH, or NIOSH.

Ventilation: Provide local exhaust ventilation system.

Eye Protection: Employee must wear splash proof or dust resistant safety goggles to prevent eye contact with this substance.
Emergency eye wash: Where there is any possibility that an employee's eyes may be exposed to this substance, the employer should provide an eye wash fountain within the immediate work area for emergency use.

Clothing: Employee must wear appropriate protective (impervious) clothing and equipment to prevent repeated or prolonged skin contact with this substance.

Gloves: Employee must wear appropriate protective gloves to prevent contact with this substance.

For firefighting and other immediately dangerous to life or health conditions: Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure demand or other positive-pressure mode. Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in pressure demand or other positive-pressure mode.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Description: Odorless white powder.
Molecular Formula: x(MgCO3) y(Mg(OH)2) z(H2O) (x:y:z=about 4:1:4)
Melting Point: 482 F (250 C) (decomposes)
Vapor Pressure: nil @ 20 C
Specific Gravity: 2.16
Water Solubility: Insoluble
Volatility: 2.0-3.0%
Evaporation Rate: (butyl acetate=1) nil

Solvent Solubility: Soluble in dilute acids and ammonium salt solutions; insoluble in alcohol.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Stable under normal temperatures and pressures.

Conditions to Avoid: May burn but does not ignite readily. Avoid contact with strong oxidizers, excessive heat, sparks, or open flame.

Incompatibilities: Acids: Temperature and pressure increase in a closed container.
Formaldehyde: Pressure increase in a closed container.

Hazardous Decomposition: Thermal decomposition may release toxic oxides of carbon and magnesium.

Polymerization: Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

SECTION 11: TOXICOLOGY INFORMATION

Carcinogen Status: No
Acute Toxicity Level: No data available
Target Effects: No data available
At increased risk form exposure: Persons with kidney impairment.
****May be used on general magnesium salt information.**

Health Effects:

Inhalation:	Acute Exposure: May cause irritation of the respiratory system. Chronic Exposure: Repeated or prolonged exposure to duct may cause bronchitis.
Skin Contact:	Acute Exposure: essentially no irritation. Chronic Exposure: Repeated or prolonged contact may result in allergic reactions.
Eye Contact:	Acute Exposure: May cause irritation. Chronic Exposure: Repeated or prolonged exposure to magnesium salts may cause conjunctivitis.
Ingestions:	Acute Exposure: Ingestion may cause allergic reactions. Doses of 600 mg produces an antacid effect. Large amounts of magnesium salts may cause diarrhea and abdominal pain. More serious symptoms of hypermahnesemia, such as electrolyte imbalance, paralysis, and neurological and cardiac impairment, are rare in the absence of intestinal or renal disease since magnesium is poorly absorbed from the gastrointestinal tract and readily excreted by the kidneys. Chronic Exposure: May cause iron deficiency. Magnesium preparations may cause phosphorus depletion syndrome.

SECTION 12: DISPOSAL INFORMATION

Observe all federal, state and local regulations when disposing of this substance.

SECTION 13: TRANSPORTATION INFORMATION

No classification currently assigned.

MSDS Creation Date: 9/20/99
Revision Date: 1/26/01
Review Date: 1/26/06

THE INFORMATION CONTAINED HEREIN IS TO OUR BEST KNOWLEDGE, CORRECT, BUT ALL RECOMMENDATIONS OR SUGGESTIONS ARE MADE WITHOUT GUARANTEE OR RESPONSIBILITY SINCE THE CONDITIONS OF USE ARE BEYOND OUR CONTROL. WE DISCLAIM ANY LIABILITY INCURRED IN CONNECTION WITH THE USE OF THESE DATA OR SUGGESTIONS. FURTHER, NOTHING CONTAINED HEREIN SHALL BE CONSTRUED AS A RECOMMENDATION TO USE ANY PRODUCT IN CONFLICT WITH EXISTING PATENTS.