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Effective Date: 06/07/94

Product Name: Magnesium Oxide: FCC

CAS No.: 001309-48-4

Hazardous Ingredients: None

Physical Data:

Melting point (range) Approx.:	2700 °C
Boiling point:	3600 °C
Decomposition temperature:	N/A
Specific gravity:	3.58 g/cc
Solubility in water:	0.0009 g/100 cc at 30 °C
Odor:	None
Appearance:	White powder
Tap density:	N/A

Fire and Explosion Information:

Fire and explosions hazards:	Will not burn
Extinguishing media to be recommended:	Non-combustible

Reactivity Data: **Stable** X **Unstable** _____

Incompatibilities: Maintain clean and dry to preserve value, reacts with water to give magnesium hydroxide, reacts with acids.

Handling and Storage Information: Practice reasonable care and caution when handling. Prolonged storage and exposure to moisture will lead to eventual caking of the solids. This is only a detriment to handling and performance characteristics of this material--no hazard entailed.

Leak/Spill Information: Sweep or shovel up--use **Sorb-all** to contain dusting.

Disposal Information: Small amounts: wash away with water. Large amounts: use landfill when permitted.
Comply with federal, state and local regulations.

Health Hazard Information:

A. Exposure/Health Effects

Inhalation:	Indicated value, not to exceed 10 mg/m ³ . Dusts may cause nasal irritation.
Ingestion:	Low single dose oral toxicity--Laxative action.
Skin Contact:	Essentially no irritation.
Eye contact:	Up to moderate irritation and slight transient corneal injury.

B. First Aid:

Inhalation:	No effect expected
Ingestion:	Low in toxicity. Induce vomiting if large amounts are ingested.
Skin Contact:	Wash off in flowing water.
Skin Absorption:	Not likely to be absorbed in toxic amounts.
Eye Contact:	Irrigate with flowing water immediately and continuously for 15 minutes. Refer to medical personnel.

Occupational Control Measures:

Ventilation Systems:	Recommend control of dust to suggested guide.
Personal Respirators:	(Niosh Approved) If required, use an approved dust respirator.
Skin Protection:	Not required.
Eye Protection:	Safety glasses without side shields.
