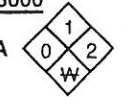


SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	Magnesium Metal	416-984-3000
Chemical Synonyms	N/A	NFPA 
Formula	Mg	HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4
CAS No.	7439-95-4	WHMIS Health 0 Flammability 2 Reactivity 2

SECTION II DANGEROUS INGREDIENTS

Name	%	TLV Units
Magnesium	100%	N/A

DANGER! Flammable solid.

SECTION III PHYSICAL DATA

Melting Point (°C)	651°C	Specific Gravity (H ₂ O = 1)	1.74 @ 20°C
Boiling Point (°C)	1110°C	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	1 mm @ 621°C	Evaporation Rate (Water = 1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Negligible.		
Appearance & Odor	Metallic shavings, turnings, ribbon; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash point	636°C	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Firefighting Procedures	Flammable solid that, in contact with water, emits flammable gases. DO NOT use water or foam. SMALL FIRE: Use dry chemical, soda ash or lime.				

Flammability and Explosion Hazards	Product is combustible.
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TDG	Class 4.2 Spontaneously combustible substance. Class 4.3 Material that emits flammable gases on contact with water. UN 1869
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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

SECTION V REACTIVITY DATA

Chemical Stability	Yes	X	If no, under what conditions?
	No		
Incompatible with Other products	Yes	X	The product REACTS violently with water to emit FLAMMABLE BUT NON TOXIC GASES.
	No		

Hazardous Decomposition Products	N/A
Reactive under what conditions	The product REACTS violently with water to emit FLAMMABLE BUT NON TOXIC GASES.

SECTION VI TOXICOLOGICAL PROPERTIES

Route of Entry	Ingestion.
TLV	N/A
Toxicity for animals	N/A
Chronic effects on humans	There is no known effect from chronic exposure to this product.
Acute effects on humans	No specific information is available.

SECTION VII PREVENTIVE MEASURES

Waste Disposal	Discharge, treatment, or disposal may be subject to local laws. Consult your local or regional authorities.
Storage	Store in oil and manipulate under moisture free atmosphere.
Precautions	Keep under inert atmosphere. Keep container dry. DO NOT breathe dust. Never add water to this product.
Spill or leak	Use appropriate tools to put the spilled solid in a convenient waste disposal container.
Protective Clothing	Safety glasses. Lab coat. Dust respirator.

SECTION VIII FIRST AID MEASURES

Specific first aid measures	Eye contact: NO known EFFECT on eye contact, rinse with water for a few minutes. Inhalation: Allow victim to rest in a well ventilated area. Seek immediate medical attention. Ingestion: Have conscious person drink several glasses of water or milk. INDUCE VOMITING. Seek immediate medical attention.
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SECTION IX PREPARATION OF THE MSDS

Rev. No.	3	Date	May 09, 2001	Approved	Michael Raszeja
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