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 MSDS No. Effective Date 4/26/88

3800 ST. CATHARINES, ONTARIO L0S 1T4 CANADA / 2081102, OROVILLE, CA. 95453

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	Aluminum Metal	CHEMTREC 800-424-9300 Day (800) 256-2586	HEALTH	0
Chemical Synonyms			FLAMMABILITY	0
Formula	Al		REACTIVITY	0
RTECS #	—	HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4		
C.A.S. No.	7429-90-5			

SECTION II HAZARDOUS INGREDIENTS OF MIXTURES

Principal Hazardous Component(s)	%	TLV Units
NA = Not Applicable		
NE = None Established		

SECTION III PHYSICAL DATA

Melting Point (°F)	660°C	Specific Gravity (H₂O = 1)	2.70
Boiling Point (°F)	2467°C	Percent Volatile by Volume (%)	0
Vapor Pressure (mm Hg)	NA	Evaporation Rate (= 1)	NA
Vapor Density (Air = 1)	NA		
Solubility in Water	Insoluble		
Appearance and Odor	Silvery, odorless metallic solid.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	NA	Flammable Limits in Air % by Volume	Lower	Upper
Extinguisher Media	Any suitable for surrounding fire.			

SPECIAL FIREFIGHTING PROCEDURES
 In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS
 Not considered a fire/explosion hazard.

D.O.T. Not regulated

Approved by U.S. Department of Labor "essentially similar" to form OSHA-174

SECTION V HEALTH HAZARD DATA

Threshold Limited Value 10 mg/m³ TWA

Effects of Overexposure Acute: Essentially non hazardous. Dusts may irritate eyes and lungs. Chronic: None Known.

Emergency and First Aid Procedures
 SKIN: Wash exposed area with soap and water. Get medical advice if irritation occurs.
 EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately. INHALATION: Not expected to require first aid measures. 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 immediately.

SECTION VI REACTIVITY DATA

Stability Unstable Stable X
Conditions to Avoid None

Incompatibility (Materials to avoid) Mercury, halocarbons, halogens, many acids, caustics.

Hazardous Decomposition Products Formation of hydrogen gas possible.

Hazardous Polymerization Conditions to Avoid None
 May Occur Will Not Occur X

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled Sweep up.

Waste Disposal Method Recycle or landfill according to regulations.

Discharge, treatment, or disposal may be subject to federal, state, or local laws.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None needed normally.		
Ventilation	Local Exhaust	X	Special
	Mechanical (General)	X	Other
Protective Gloves	Vinyl or Rubber	Eye Protection	Safety glasses
Other Protective Equipment	Lab coat		

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing Store in a dry location.
 Keep container tightly closed when not in use.

Other Precautions Read label on container before using.
 Conditions Aggravated/Target Organs: None known.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Rev. No.	3	Date	4/26/88	Approved	K. Kuchel	Chemical Safety Coordinator	RMC
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