Sargent-V V	911 Commerce Buffalo Grove, 1 1-800-727-4368	Court IL 60089-2375 MSDS	WLC4960R WLC4966T WLC4960T WLC4975T NO. WLC4963T WLC4975V ive Date May 21, 1999	Threshold Limited Value Zinc as fume: PEL 5 mg/m ³ ; TLV 5 mg/m ³ ; STEL 10 mg/m ³ .
SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE Product ZINC METAL CHEMTREC Chemical Zinc metal mossy granular shot Health 0				Effects of Overexposure INHALATION: Dust may cause upper respiratory tract irritation. When heated above 400°C, inhalation of the fumes may lead to metal fume fever Mild to severe symptoms of chills and fever, profuse perspiration, weaknes nausea and coughing can occur. EYES: May cause eye irritation. SKIN: Prolonged or repeated skin contact may cause skin irritation.
Syrionyms Ziro modul, modely, grandial, shot Formula Zn Day 716-226-6177 Fire 1 Unit Size up to 2.5 Kg. C.A.S. No. 7440-66-6 INGREDIENTS OF MIXTURES				Emergency and First Aid Procedures INHALATION: Remove from exposure, treat symptomatically and get medical attention, if symptoms persist. EYES: Using great care, flush thoroughly with water for at least 15 minutes, lifting upper and lower even occasionally. Get immediate medical attention. <u>SKIN</u> : Flush thoroughly with water, then wash with mild soap and water.
Principal Compone	ent(s)	%	TLV Units	SECTION VI REACTIVITY DATA
Zinc Metal, Mossy	, Granular, Shot	100%	See Section V.	Stability Unstable Conditions to Avoid
CAUTION! USE CARE IN HANDLING. ABRASIVE TO SKIN.		TO SKIN.		Stable X Excessive temperature and heat. Air and moisture. Incompatibility Excessive temperature and heat. Air and moisture.
REACTS WITH ACIDS TO LIBERATE HYDROGEN GAS -				(Materials to Avoid) Strong oxidizers, acids, alkalis.
A FLAMMABLE A	AND EXPLOSIVE GAS. PHYSICAL DATA			Hazardous Decomposition Products Oxides of zinc may be present. Zinc fumes.
Melting Point (°F)	419°C (787°F)	Specific Gravity $(H_2O = 1)$	7.14	Hazardous Polymerization Conditions to Avoid
Boiling Point (°F)	907°C (1665°F)	Percent Volatile by Volume (%)	Non-volatile (NA).	May Occur Will Not Occur Not applicable.
Vapor Pressure (mm Hg) 1 mm at 487°C Evaporation Rate (=1) Non-volatile (NA).			Non-volatile (NA).	SECTION VII SPILL OR LEAK PROCEDURES
Vapor Density (Air=1) 2.26				Steps to be taken in case
Solubility in Water Insoluble.				material is released or spilled Sweep up for reuse or place in a suitable container for disposal.
Appearance & Odor	Silvery metal, mossy, granular, si			
SECTION IV	FIRE AND EXPLO		the second se	Waste Disposal Method Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.
Flash Point (Method Used) Non-fla	mmable (NA).		Lower Upper	
	er with dry sand, earth or soda ash, o			Dispose of in an approved chemical landfill or contract with a licensed waste disposal service.
Media Water v	will react violently with molten metal.			SECTION VIII SPECIAL PROTECTION INFORMATION Respiration Protection None needed in normal laboratory bandling. If dust conditions prove it was
SPECIAL FIREFIGHTING				(Specify Type) a NIOSH/MSHA-approved dust mask or work in adequate ventilation hood.
PROCEDURES In fire conditions, wear a NIOSH/MSHA-approved self-contained			ad self-contained	Ventilation Local Exhaust Not needed. Special No. Mechanical (General) Recommended. Other No.
breathing apparatus. When heated, the fumes are highly toxic, causing "metal fume fever".			are highly toxic,	Protective Gloves Suitable to protect against skin abrasions. Eye Protection Chemical safety glasses.
	causing "metal fume fi	ever".		Other Protective Lab coal, goggles, eye wash station, fire extinguisher.
				SECTION IX SPECIAL PRECAUTIONS
UNUSUAL FIRE AND EXPLOSION HAZARDS				Precautions to be Taken in Handling & Storing Store in a cool, dry, ventilated place. Separate from acids, halogenated hydrocarbons and strong alkali hydroxides. Protect from moisture. Wash thoroughly after handling.
	heat spontaneously ar and alkali hydroxide (s	mixtures with air. Bulk dus nd ignite on exposure to ai codium hydroxide, potassiu	r. Contact with acids um hydroxide,	Other Precautions Read label on container before using. Do not wear contact lenses when working with chemicals. Remove and wash contaminated clothing.
	calcium nyuroxide. etc	 results in evolution of hy 	vuogen.	
				For laboratory use only. Not for drug, food or household use. Keep out of reach of children.
D.O.T. NON-REGULATED.				Revision No. 7 Date 5/21/99 Approved Michael Raszeja Chemical Salety Coordinator MR
Approved by U.S. Departme	ent of Labor "essentially similar" to fo	orm OSHA-20		gathered by them and must make independent determinations of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of subtability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. ⁴ Hazardous Materials Industrial Standards. Printed on recycled paper.