



# Material Safety Data Sheet



HMIS

Health Hazard	1
Fire Hazard	3
Reactivity	1

PPE (See Section 15)



## Section 1. Chemical Product and Company Identification

Trade Name **Arsenic Test 5** Part # RE2012, RE2091  
*(Meth Kit Red Phosphorous Test 3)* CAS # 7440-66-6

Manufacturer Haztech Systems, Inc. RTECS ZG8600000  
 PO Box 929 Mariposa, CA 95338 TSCA TSCA 8(b) inventory: zinc

Commercial Name Zinc CI #

Synonyms

In case of emergency contact CHEMTREC  
 (24 hours) at 800-424-9300

HazTech Systems, Inc. 800-543-5487

Spectrum Chemical Mfg. Corp. 310-516-8000

Chemical Formula Zn

Supplier Spectrum Chemical Mfg. Corp.  
 14422 S. San Pedro St.  
 Gardena, CA 90248

## Section 2. Composition and Information on Ingredients

### Exposure Limits

Name	CAS #	TWA (mg/m3)	STEL	CEIL (mg/m3)	% by Weight
Zinc	7440-66-6	10			100%

Toxicological Data on Ingredients Zinc LD50: Not available. LC50: Not available.

## Section 3. Hazards Identification

Potential Acute Health Effects Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects CARCINOGENIC EFFECTS: Not available.  
 MUTAGENIC EFFECTS: Not available.  
 TERATOGENIC EFFECTS: Not available.  
 DEVELOPMENTAL TOXICITY: Not available.  
 Repeated or prolonged exposure is not known to aggravate medical condition.

## Section 4. First Aid Measures

Eye Contact	No known effect on eye contact, rinse with water for a few minutes.
Skin Contact	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
Inhalation	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
Ingestion	Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

## Section 5. Fire and Explosion Data

Flammability	Flammable.
Auto-Ignition Temperature	460°C (860°F)
Flash Point	Not available.
Flammable Limits	Not available.
Products of Combustion	Some metallic oxides.
Fire Hazards in Presence of Various Substances	Not available.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
Fire Fighting Media and Instructions	Flammable solid. SMALL FIRE: Use DRY chemical powder.
Special Remarks on Fire Hazards	Material in powder form capable of creating a dust explosion.

## Section 6. Accidental Release Measures

Small Spill	Use appropriate tools to put the spilled solid in a convenient waste disposal container.
-------------	--

## Section 7. Handling and Storage

Precautions	Keep container dry. Do not breathe dust. Never add water to this product Keep away from incompatibles such as acids.
Storage	Keep in HazCat Kit.

## Section 8. Exposure Controls/Personal Protection

Engineering Controls	Use in a well ventilated area.
Personal Protection	Gloves and goggles.

## Section 9. Physical and Chemical Properties

Physical State and Appearance	Solid. (metal)	Volatility	Not available
Molecular Weight	65.39 g/mole	Odor Threshold	Not available
pH (1% Solution in Water)	Not applicable.	Water/Oil Dist. Coeff.	Not available
Boiling Point	907°C (1664.6°F)	Ionicity (in Water)	Not available
Melting Point	420°C (788°F)	Dispersion Properties	Is not dispersed in cold water, hot water, methanol, acetone.
Critical Temperature	Not available.	Solubility	Insoluble in cold water, hot water, methanol, diethyl ether, acetone.
Specific Gravity	7.14 (Water = 1)	Odor	Odorless
Vapor Pressure	Not available.	Taste	Tasteless
Vapor Density	Not applicable.	Color	Bluish-white

## Section 10. Stability and Reactivity Data

Stability	Product is stable.	Corrosivity	Non-corrosive in presence of glass.
Instability Temperature	Not available.	Special Remarks on Corrosivity	Not available.
Conditions of Instability	Not available.	Polymerization	Will not polymerize.
Incompatibility with Various Substances	Extremely reactive or incompatible with acids. Slightly reactive to reactive with moisture.		

## Section 11. Toxicological Information

Route of Entry	Not available.
Toxicity to Animals	LD50: Not available. LC50: Not available.
Chronic Effects on Humans	Not available.
Other Toxic Effects on Humans	Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	Not available.
Special Remarks on Other Toxic Effects on Humans	Not available.

## Section 12. Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	The products of degradation are as toxic as the original product.
Special Remarks on the Products of Biodegradation	Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

