



HAZTECH
SYSTEMS,TM
INC.

Material Safety Data Sheet

NFPA



HMIS

| | |
|---------------|---|
| Health Hazard | 1 |
| Fire Hazard | 3 |
| Reactivity | 1 |



PPE (See Section 15)

Section 1. Chemical Product and Company Identification

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Trade Name **Arsenic Test 5** Part # RE2012
CAS # 7440-66-6

Manufacturer Haztech Systems, Inc.
PO Box 929
Mariposa, CA 95338 RTECS ZG8600000
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**

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| 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

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| 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

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| Small Spill | Use appropriate tools to put the spilled solid in a convenient waste disposal container. |
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Section 7. Handling and Storage

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| 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

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



Arsenic Test 5

Section 9. Physical and Chemical Properties

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| 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

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| 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

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| 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

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| 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. |

