



# American International Chemical, Inc.

Corporate Offices: (800) 238-0001

Internet: www.aicma.com Email: info@aicma.com

## MATERIAL SAFETY DATA SHEET

### ZINC PYRITHIONE

#### SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

American International Chemical, Inc. 135 Newbury Street Framingham, MA 01701	Emergency Number: Chemtrec Information Number:	800-424-9300 703-527-3887 800-238-0001
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Date: May 2010

Synonyms: Zinc Pyridinethione

CAS #: 13463-41-7

DOT Hazard Class: Not Regulated

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#### SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Zinc Pyrithione	48-52%
Sodium Polynaphthalene Sulfonate	1-3%
Water	47-51%

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#### SECTION 3 - HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** A white to off white dispersion that may cause irritation to the eyes, skin and respiratory tract. It presents no unusual hazard if involved in a fire.

**POTENTIAL HEALTH EFFECTS:**

**Skin:** May cause skin irritation.

**Eyes:** May cause irritation or burning.

**Inhalation:** May cause irritation to the respiratory tract.

**Ingestion:** Not a hazard with normal industrial usage.

**CARCINOGENICITY:** Not Identifiable

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#### SECTION 4 - FIRST AID MEASURES

**Skin:** Immediately wash skin with soap and water for at least 15 minutes.

**Eyes:** Immediately flush with plenty of water for at least 15 minutes, holding eye lids apart.

**Inhalation:** Remove to the fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

**Ingestion:** Wash out mouth with water. Induce vomiting. Get medical attention.

**On All Of The Above:** Consult a physician if symptoms persist.

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## **SECTION 5 - FIRE FIGHTING MEASURES**

Flash Point: Non Combustible

Flammable Limits: Non Combustible

Extinguishing Media: Use media that is appropriate to treat surrounding fire.

Special Fire Fighting Procedures:

Use fire fighting procedure that is appropriate to treat surrounding fire. All firefighters should use self-contained breathing apparatus and full fire-fighting turn-out gear.

Unusual Fire Explosion Hazard: None Known.

Auto Ignition Temperature: Not Applicable

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## **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Isolate hazard area and deny entry to unnecessary or unprotected personnel.

Contain spilled liquid with sand or earth. Place in a disposal container. Avoid runoff into storm sewers and ditches that lead to waterways.

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## **SECTION 7 - HANDLING AND STORAGE**

Avoid contact with skin, eyes and clothing. Use with adequate ventilation. Avoid breathing dust. Use normal personal hygiene and housekeeping. Store in cool dry area away from other incompatible materials. Product is slightly hygroscopic and should be stored in a dry area to prevent moisture pick up and caking.

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## **SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION**

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respirators.

VENTILATION REQUIREMENTS: Ventilate as necessary to eliminate dust from the work area and maintain concentrations below the limit.

SKIN AND EYE PROTECTION: Use rubber or neoprene gloves, chemical goggles and clothing sufficient to protect skin from dust.

WORK, HYGIENIC PRACTICES:

As required to protect skin and eyes from dust, safety showers and/or eye wash should be available. Do not leave food or smoke in work area. Wash thoroughly and remove or clean any contaminated clothing.

EXPOSURE LIMITS: None Established

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## **SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point: ~100° C [212° F]

Vapor Pressure (MM Hg): @ 25° C 23 mm of Mercury

Vapor Density (AIR=1): Not Applicable

Specific Gravity (H<sub>2</sub>O=1): 1.2

Percent Volatile by Volume (%): 51

Melting Point: Not applicable, Freezes at 1.5° C or 35° F

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: Slightly

pH: 6.5 – 9 in a 5% slurry in neutral distilled water.

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## **SECTION 10 - STABILITY AND REACTIVITY**

CHEMICAL STABILITY: Stable under normal temperatures and pressures.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, sulfur dioxide, nitrogen oxides.

KEEP AWAY FROM: Strong oxidizing agents, ferrous metals, copper, copper alloys.

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## **SECTION 11 - TOXICOLOGICAL INFORMATION**

Not Available

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## **SECTION 12 - ECOLOGICAL INFORMATION**

Not Available

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## **SECTION 13 - DISPOSAL CONSIDERATIONS**

Dispose of in accordance with all federal, state and local regulations.

RCRA WASTE #: Not Listed

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## **SECTION 14 - TRANSPORTATION INFORMATION**

D.O.T. SHIPPING NAME: Zinc Pyrithione

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## **SECTION 15 - REGULATORY INFORMATION**

OSHA STATUS: Not listed

TSCA STATUS: Listed

CERCLA REPORTABLE REQUIREMENTS: (RQ) None

SARA TITLE III INFORMATION:

Section 302 Extremely Hazardous Substance: Not listed

Section 313 Toxic Chemicals: Listed as a Zinc compound subject to reporting requirements of this section.

Section 311/312 Hazard Category: Acute, Chronic

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## **SECTION 16 - OTHER INFORMATION**

HMIS: Health: 2      Flammability 0      Reactivity 0

Reason for Issue: Changed date to update for customers per MR.

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