

# BIONIX® ZP48

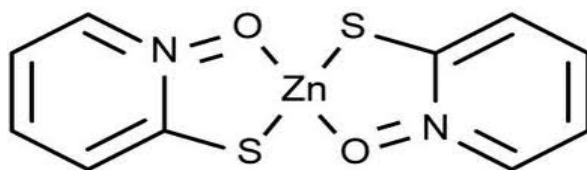
## 48% ZINC PYRITHIONE

## PRODUCT DATA SHEET

### DESCRIPTION

BIONIX ZP48, 48% Zinc,2-pyridinethiol-I-oxide, is a broad-spectrum, preservative and dry film mildewcide for the protection of textiles, flooring adhesives, aqueous latex architectural paints, industrial non-marine paints and coatings, joint compounds, glazing compounds and wood fillers, styrene butadine rubber and thermoplastic resins, latex emulsions, clay , mineral pigment and guar gum slurries, dry wall, gypsum and adhesives for food packaging.

### STRUCTURE AND INFORMATION



CAS #:	13463-41-7
EINECS:	236-671-3
Chemical Family:	Zinc Pyrithione
Molecular Formula:	C <sub>10</sub> H <sub>8</sub> N <sub>2</sub> O <sub>2</sub> S <sub>2</sub> Zn
Molecular Weight:	317.70

### BENEFITS

- Formaldehyde free
- pH stable
- Aqueous solution
- Non-skin sensitizer
- Broad spectrum of activity

### PHYSICAL PROPERTIES

Appearance	Liquid
Color	White to Off-White
pH	6.5 - 9.0
Solubility in water	Dispersible
Boiling Point	100°C/212°F
Specific Gravity	1.3

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## APPLICATION/USES

BIONIX ZP48 can be added with good agitation to ensure uniform distribution any time during the formulation procedure, by pouring or by use of metering equipment. BIONIX ZP48 is best added after any heating stage or when the product has cooled below 40°C.

### TEXTILES

- For the control of odor causing microorganisms on textiles made of natural and synthetic fibers, such as polyester and blends.

### DRY FILM PRESERVATION OF FLOORING AND NON-FOOD CONTACT ADHESIVES, CAULKS, SEALANTS, GROUTS AND PATCHING COMPOUNDS

### DRY FILM PRESERVATION OF AQUEOUS LATEX ARCHITECTURAL AND INDUSTRIAL NON-MARINE PAINTS AND COATINGS.

### DRY FILM PRESERVATION OF JOINT COMPOUNDS, GLAZING COMPOUNDS AND WOOD FILLERS

### PRESERVATION OF STYRENE BUTADIENE RUBBER AND THERMOPLASTIC RESINS

- Rubber Bands, carpet fibers, carpet backings, rubber or rubber backed bath mats, foam underlay for carpets, synthetic non-leather materials, foam stuffing for cushions and mattresses, wire and cable insulation, vinyl, linoleum and synthetic floor coverings, wall coverings, plastic furniture, rubber/wood floor composite, wood plastic composite products, athletic flooring and mats, mattress liners, covers or ticking, molding mats, gaskets, weather stripping, coated fabrics for furniture cushions, boat covers, tents, tarpaulins, awnings, non-surgical rubber gloves, garbage bags, refuse containers, bathtub appliques, garden hose, non-potable water pipe, ductwork, air filters, air filtration components and air filtration media for industrial, hospital, residential and commercial heating and cooling, shower curtains, sponge or fiber mops, toilet brush receptacles, toothbrush receptacles, non-medical scrub brushes, sink mats and drain boards, storage containers, soap dish holders, towel bars, components of footwear and toilet seats.

### IN-CAN PRESERVATION OF LATEX EMULSIONS, CLAY, MINERALS, PIGMENT AND GUAR GUM SLURRIES

### PRESERVATION OF DRY WALL, GYPSUM, PEARLITE, PLASTER-LIKE, MINERAL BASED OR CELLULOSE DERIVED MATERIALS

### PRESERVATION OF ADHESIVES USED FOR FOOD PACKAGING

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## PACKAGING

TYPE	LBS	KG
44 lbs Jerry Cans 32/pallet	1411 lbs	640 kg
220 gal. Tote	2205 lbs	181 kg

## SHIPPING LOCATIONS



Chattanooga, TN

## SHIPPING INFORMATION

### U.S. D.O.T

#### NON-BULK

Proper Shipping Name	Environmentally hazardous substance, liquid N.O.S. (Zinc Pyrithione)
Hazard Class:	9
ID Number	UN3082
Packing Group	PGIII

#### BULK

Proper Shipping Name	Environmentally hazardous substance, liquid N.O.S. (Zinc Pyrithione)
Hazard Class	9
ID Number	UN3082
Packing Group	PGIII

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### STORAGE/HANDLING

- Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place.
- Always wear personal protective equipment (PPE) when handling BIONIX ZP48. Avoid contact with skin and eyes.

### HAZARDS IDENTIFICATION

#### GHS LABEL ELEMENTS



IRRITANT



CORROSIVE

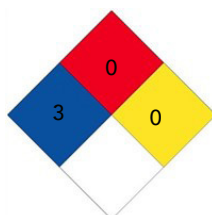


ENVIRONMENTAL  
HAZARD

#### HMIS (USA)

HEALTH	3
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	H

#### NFPA



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