Phidec Sodium (Sodium Pyrithione 41% Aqueous Solution)  
Industrial Fungicide & Bactericide

Active Ingredient:  
Sodium 2-pyrilimethox-1-oxide  
41.57%  
Inert Ingredients:  
55.43%

TOTAL:  
100.00%

EPA Registration Number: 87772-2
Net Contents: 55 gallons
EPA Establishment Number: 085239-CHN-001

Keep Out of Reach of Children

WARNING

First Aid

If In Eyes  
- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call a Poison Control Center or doctor for treatment advice.

If on Skin or Clothing  
- Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.
- Remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a Poison Control Center or doctor for treatment advice.

If Swallowed  
- Call a Poison Control Center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a Poison Control Center or doctor.
- Never give anything by mouth to an unconscious person.

If Inhaled  
- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a Poison Control Center or doctor for further treatment advice.

Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

Note to Physicians: Convulsions, if persistent, may be controlled by careful intravenous use of short-acting barbiturates. Probably unusual damage may contraindicate the use of gastric lavage, emergency numbers: For 24-hour medical emergency assistance (human or animal) call 1-800-222-1222. For chemical emergency assistance (plant, tree, etc. or wildlife) call CHEMTREC at 1-800-424-9300.

Precautionary Statements

Hazards to Humans and Domestic Animals  
May be fatal if absorbed through skin or inhaled. Causes substantial, but temporary, eye injury. Harmful if swallowed. Do not get in eye, on skin, or on clothing. Do not breathe spray mist. Remove contaminated clothing and wash clothing before reuse.

Personal Protective Equipment (PPE):  
Apparel and other handlers must wear:  
- Gloves on face should
- Long asbestos and long pants
- Eye and head protection
- Chemical-resistant gloves (such as rubber or waterproof gloves)

User Safety Requirements:  
Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for wearers, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:  
Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing especially if it gets moist. Then wash hands thoroughly and pad on clean clothing. Remove PPE immediately after handling the product. Wash the outside of glasses before removing.

Chemical Hazards  
Do not store or mix this product with strong working agents.

Environmental Hazards  
This product is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, ponds, streams, wadies, sewers or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authorities. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional office of the USEPA. This product is a chelating agent and should not be used with other chelating agents or clays.

Storage and Disposal  
Do not contaminate water, food, or feed by storage or disposal. 
Pesticide Storage: Do not store above 130°F (55°C). Keep container tightly closed when not in use. 
Do not store with strong oxidizing agents.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Triple rinse container. Thower for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incinerator, or afraid by state and local authorities, by burning. If burnt, stay out of smoke.

Directions for Use  
- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- Do not apply this product in a way that will contact workers or other people.
- Do not use for applications involving direct or indirect food/foodwater contact.

Aqueous Based Fluids (Wet or sprayer, cutting, cleaning, and lubricating fluids):  
To inhibit fungal and bacterial growth add an initial dose of up to 1.25 ppm of Phidec Sodium (Sodium Pyrithione 41% Aqueous Solution) (1.25 Lb. to 1.000 Lb. of solution) to the solution by pouring from the container and subsequent maintenance doses up to 1.25 ppm (1/2 of Phidec Sodium (Sodium Pyrithione 41% Aqueous Solution) per 1,000 Lb. of solution) every 7-15 days or as needed. Phidec Sodium (Sodium Pyrithione 41% Aqueous Solution) can be added at 1/10 to 1/100, Phidec Sodium (Sodium Pyrithione 41% Aqueous Solution) may be added to the fluid at the time it is prepared (additive) or to the reservoir (pump) containing the fluid after it is put into use. If it is added to the reservoir, the fluid should be circled after addition to assure mixing. Combined fluid systems should be cleaned prior to the initial addition of Phidec Sodium (Sodium Pyrithione 41% Aqueous Solution). Drain the system, clean with a cleaner designed for this purpose, rinse with water and wash with fresh fluid containing Phidec Sodium (Sodium Pyrithione 41% Aqueous Solution) (up to 1.25 ppm). Frequent checks (at least once per week) of the bacterial and fungal population in the system should be made using standard microbiological plate count procedures or any of the commercial "lip-ask" test devices. When the bacterial count reaches 10^5 or the fungal count reaches 10^6 organisms per ml, add additional product according to the above directions. If this does not reduce the bacterial or fungal count below the above value in 12-24 hours, this fluid should then be drained and replaced after cleaning the system. Add Phidec Sodium (Sodium Pyrithione 41% Aqueous Solution) to the fresh fluid according to the above directions. When adding from an already fluid containing for dropper or doser, or others, and Phidec Sodium (Sodium Pyrithione 41% Aqueous Solution) to make up fluid by mixing in the above directions.

To inhibit the Growth of Bacterial and Fungi in Metalworking, Cutting, Cleaning, and Lubricating Fluid Concentrates:  
Add an amount of Phidec Sodium (Sodium Pyrithione 41% Aqueous Solution) that will give up to 1.25 ppm solution. The amount required in the concentrate will depend on the end use solution. For maximum beneficial level of Phidec Sodium (Sodium Pyrithione 41% Aqueous Solution) is 1.25 ppm and the end solution dilution of the fluid is 5%. A 0.5% concentration of Phidec Sodium (Sodium Pyrithione 41% Aqueous Solution) is required to be concentrated (1.25 ppm). Add 0.000 ppm for 0.000 ppm (0 ppm). For the In-Plant Preservation of Latex Emulsions Used in Adhesives, Caulks, Pasting Compounds, Stains, Pastes, and Greases:  
To inhibit bacterial growth in latex emulsions for up to 1 year, a dosage of up to 1.000 ppm of Phidec Sodium (Sodium Pyrithione 41% Aqueous Solution) (1 Lb. of Phidec Sodium (Sodium Pyrithione 41% Aqueous Solution) per 1,000 Lb. of solution) is recommended. Phidec Sodium (Sodium Pyrithione 41% Aqueous Solution) may be added at any time during the formulation procedure by pouring fractious container.

In Aqueous Synthetic Fiber Lubricating Oil Flakes:  
To inhibit the growth of bacteria and the formation of bacterial slime in synthetic fiber lubricants (up to 4) for up to 2-4 weeks during use, add 1.25 ppm (1/25 Lb. per 1,000 Lb. of lubricant of Phidec Sodium (Sodium Pyrithione 41% Aqueous Solution) to the diluted lubricant. Phidec Sodium (Sodium Pyrithione 41% Aqueous Solution) may be used in lubricant systems containing 5-10% lubricant concentration (water to lubricant ratios of 20-1 to 10). Phidec Sodium (Sodium Pyrithione 41% Aqueous Solution) should be added by pouring from the container to the diluted lubricant in the device next.

In aoxen-Basedinks:  
To inhibit the growth of bacteria and fungi inks such as aqueous inks, transfer inks, printing solutions, pigment solutions, pigment stocks or press oil, add up to 1.250 ppm of Phidec Sodium (Sodium Pyrithione 41% Aqueous Solution) while being in-use, a concentration of 0.125% w/w. of Phidec Sodium (Sodium Pyrithione 41% Aqueous Solution) is necessary. The amount of Phidec Sodium (Sodium Pyrithione 41% Aqueous Solution) to be added at the time of manufacture of the ink to obtain the above inhibitions at the time of use will vary with the shelf-life of the ink. The table below shows the relationship.

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<thead>
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Discipliner

To the extent consistent with applicable law, Seller (whether manufacturer, distributor, or other), makes no warranty express or implied, including the implied warranty of merchantability, regarding this product except the composition as set forth in the ingredient statement herein, and shall not be liable for special or consequential damages, the exclusive remedy being the replacement of the product. To the extent consistent with applicable law, buyer and/or user assume all risk of possession, handling or use of this material when such use and/or handling is contrary to label instructions.

Manufactured for:
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MADE IN CHINA