

## SANAFOR<sup>®</sup> PO-5

### 1. Product and company identification

**Product Name:** SANAFOR PO-5

**Product Application:** Additive for incorporation into polymer articles

**Company:**

Janssen PMP, a Division of Janssen Pharmaceutica, N.V.  
1125 Trenton-Harbourton Road  
Titusville, NJ 08560-0200  
609-730-2607

**Emergency telephone numbers:**

ChemTrec USA: 800-424-9300  
ChemTrec International: 703-527-3887 [spill, leak assistance]  
National Pesticide Information Center: 1-800-858-7378 [health, medical assistance]

### 2. Composition / information on ingredients

**CAS Numbers:** 13463-41-7 / 236-671-3

**Identification:** Zinc, bis[1-(hydroxy-.kappa.O)-2(1H)-pyridinethionato-.kappa.S2]-,(T-4)-

**Concentration [%]:**  $\geq 5 - < 10$

### 3. Hazards identification

**Human health hazards** Harmful if swallowed.

**Environmental hazards** May cause adverse effects if ingested by waterfowl or aquatic life if material is in the form of pellet or bead.

### 4. First-aid measures

**If swallowed**

- Call a poison control center or doctor for further treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by the poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

## 5. Fire-fighting measures

**Extinguishing media** Water spray (fog or fine spray) or foam.

**Special protective equipment for fire-fighters** Wear self-contained breathing equipment.

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## 6. Accidental release measures

**Personal precautions** See section 8 for personal protection measures.

**Environmental precautions** Do not allow to enter drainage system, surface or ground water.

**Methods for cleaning up** See section 13 for disposal recommendations.

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## 7. Handling and storage

**Handling** Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment, then offer for recycling if available or dispose of liner in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Storage** Do not contaminate water, food or feed by storage or disposal. Keep in original container, and separate from food and feed items. Store in a cool, dry, well ventilated place, away from fire or open flames. Keep product storage areas secure and clean. Clean up any spills promptly.

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## 8. Exposure controls and personal protection

Personal protective equipment not required.

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## 9. Physical and chemical properties

### **General information:**

**Appearance** ..... pellets

**Odor** ..... odor-less

**Color** ..... white to off-white

**Water solubility** ..... insoluble in water

## 10. Stability and reactivity

<b>Conditions to avoid</b>	Exposure to elevated temperatures can cause product to decompose.
<b>Hazardous decomposition products</b>	Decomposition products depend upon temperature, air supply and the presence of other materials. Processing may release fumes and other decomposition products. At temperatures exceeding melt temperature, polymer fragments can be released. Fumes can be irritating. Decomposition products can include and are not limited to: aldehydes, alcohols and organic acids. Decomposition products can include trace amounts of hydrocarbons.

## 11. Toxicological information

<b>Acute Oral</b>	LD <sub>50</sub> Oral: 269 mg/kg (rat)
<b>Acute Dermal</b>	LD <sub>50</sub> > 2000 mg/kg (rat & rabbit)
<b>Acute Inhalation</b>	LC <sub>50</sub> : 1,03 mg/l, 4 hour (rat)
<b>Eye irritation</b>	Not applicable based on physical properties. Not likely to be a hazard to eyes.
<b>Skin irritation</b>	No skin irritation
<b>Sensitization</b>	No sensitizing effect known

## 12. Ecological information

Product is not expected to be acutely toxic. Material in pellet or bead form may mechanically cause adverse effects if ingested by waterfowl or aquatic life. In the aquatic environment, material is expected to float.

Aquatic Toxicity:		
Pimephales promelas (fathead minnow)		LC <sub>50</sub> : 0.0026 mg/l
Daphnia Magna (water flea)		EC <sub>50</sub> : 0.0082 mg/l
Selenastrum capricornutum (green algae)		LC <sub>50</sub> : 0.028 mg/l

## 13. Disposal considerations

Do not contaminate water, food or feed by storage or disposal. To avoid waste, use all material in this container by application according to label directions. If waste cannot be avoided, offer remaining product to a waste disposal facility or waste disposal program (often such programs are run by state or local government or by industry). Completely empty bag into application equipment, then offer for recycling if available or dispose of liner in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permit authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your local State Water Board or Regional Office of the EPA.

## 14. Transport information

ICAO/IATA Not restricted

IMO/IMDG Not restricted

ADR/RID Not restricted

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## 15. Regulatory information

UNITED STATES:

Pesticide acceptance indication: US EPA Registration Number:SANAFLO<sup>®</sup> PO-5

43813-56

FIFRA Listing of Pesticide Chemicals (40 CFR 180): For pesticide / antimicrobial uses, these products are regulated under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). It must be used for purposes consistent with its labelling.

## 16. Other information

<u>Hazard Rating*</u>	<u>Health</u>	<u>Flammability</u>	<u>Reactivity</u>
HMIS	0	0	0
NFPA	0	0	0

\*Low = 0

*The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty, express or implied, is made with respect to the information contained herein.*