

MATERIAL SAFETY DATA SHEET

SYNPHENOL-3

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Date Created: 12/12/1991

1. Product and Company Identification

Product Code: 3862-177-43591
Product Name: SYNPHENOL-3
Reference #: 3000655
Manufacturer Information
Company Name: Distributed by:
Veterinary Products Laboratories
P.O. Box 34820
Phoenix, AZ 85067-4820
Emergency Contact: (602)285-1660
Information: (602)285-1660
Preparer Name: Sherry Faith
Chemical Family: COMPOUND
Additional Identity Information
Former EPA Reg. No. 11725-7-43591

2. Composition/Information on Ingredients

| Hazardous Components (Chemical Name) | CAS # | Percentage | OSHA PEL | ACGIH TLV | Other Limits |
|--------------------------------------|----------|------------|----------|-----------|--------------|
| 1. 2-Phenylphenol | 90-43-7 | 12.0 % | No data. | No data. | No data. |
| 2. ORTHO BENZYL PARA CHLOROPHENE | 120-32-1 | 10.0 % | No data. | No data. | No data. |
| 3. Phenol, 4-(1,1-dimethylpropyl)- | 80-46-6 | 4.0 % | No data. | No data. | No data. |
| 4. Isopropyl alcohol | 67-63-0 | 0.1 -6.0 % | No data. | No data. | No data. |

3. Hazards Identification

Emergency Overview

EYES: Exposure to product in concentrate may cause severe irritation.

SKIN CONTACT: Exposure to product may cause severe irritation. Acute Dermal LD50 is greater than 2g/kg body weight.

INGESTION: Material can be harmful if ingested in quantity. Acute Oral LD50 in rats = 3,526 mg/kg of body weight.

INHALATION: Prolonged exposure to concentrate may cause minor respiratory discomfort. LC50 in rats is greater than gravimetric concentration of 5.6 mg/l.

Route(s) of Entry: Inhalation? Yes Skin? Yes Eyes? Yes Ingestion? Yes

Potential Health Effects (Acute and Chronic)

Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through the skin, or on clothing.

Recommended Exposure Limits: NA

LD 50/LC 50: Acute Oral LD50 in rats = 3,526 mg/kg

Signs and Symptoms Of Exposure

No data available.

Medical Conditions Generally Aggravated By Exposure

Unknown

4. First Aid Measures

Emergency and First Aid Procedures

IF IN EYES: Hold eyelids 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 eye. Call poison control center or doctor for treatment.

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

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

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

Note to Physician

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

5. Fire Fighting Measures

Flash Pt: > 96.00 F Method Used: TCC

Explosive Limits: LEL: NT UEL: NT

Fire Fighting Instructions

None

Flammable Properties and Hazards

None

Extinguishing Media

Water

Unsuitable Extinguishing Media

No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled

Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Collect and contain for disposal in accordance with all state and federal regulations.

7. Handling and Storage

Precautions To Be Taken in Handling

Do not apply this product in or on electrical equipment due to the possibility of shock hazard.

Precautions To Be Taken in Storing

Store only in original container away from heat or open flame. Keep container closed when not in use. Storage must be secured sufficiently to make product inaccessible to children or persons unfamiliar with its proper use. Do not contaminate water, food, or feed by storage or disposal.

Other Precautions

KEEP OUT OF REACH OF CHILDREN.

8. Exposure Controls/Personal Protection

Respiratory Equipment (Specify Type)

Applicators and other handlers exposed to fog during fogging applications, and until fog has dissipated and the enclosed area has been thoroughly ventilated, must wear a full-face dust/mist filtering respirator with an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge with any R, P or HE prefilter. Follow manufacturers'

instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Keep and wash PPE separately from other laundry.

Eye Protection

Goggles

Protective Gloves

Chemical-resistant gloves such as barrier laminate, butyl rubber, neoprene rubber and viton.

Other Protective Clothing

Handlers must wear coveralls over long-sleeved shirt and long pants; socks and chemical resistant shoes; goggles or face shield; chemical resistant gloves.

Engineering Controls (Ventilation etc.)

Maintain adequate ventilation

Work/Hygienic/Maintenance Practices

Wash hands after use and before eating, drinking, chewing gum, using tobacco, or using restroom. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove personal protective equipment immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly.

9. Physical and Chemical Properties

| | |
|---|--------------------------------|
| Physical States: | [] Gas [X] Liquid [] Solid |
| Melting Point: | N.A. |
| Boiling Point: | 211.00 F |
| Autoignition Pt: | No data. |
| Flash Pt: | > 96.00 F Method: TCC |
| Explosive Limits: | LEL: NT UEL: NT |
| Specific Gravity (Water = 1): | 1.09 at 25.0 C |
| Vapor Pressure (vs. Air or mm Hg): | No data. |
| Vapor Density (vs. Air = 1): | No data. |
| Evaporation Rate (vs Butyl Acetate=1): | .9 at 25.0 C |
| Solubility in Water: | 100% |
| Other Solubility Notes: | Soluble |
| Percent Volatile: | N.A. |
| Corrosion Rate: | No data. |
| Formula: | BIO-TEK INDUSTRIES, INC. |
| pH: | NA |

Appearance and Odor

Color varies between amber and purple upon aging (color variance has no relationship to efficacy and cleaning ability; pleasant lemon odor.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability

Unknown

Incompatibility - Materials To Avoid

Acids, other detergents, chlorine.

Hazardous Decomposition Or Byproducts

Unknown

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Hazardous Polymerization: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Polymerization

Will not occur.

11. Toxicological Information

Toxicological Information

No data available.

Carcinogenicity/Other Information

No data available.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

Ecological Information

This product is toxic to fish. Do not discharge effluent containing this product into lakes ponds, streams, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting 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 State Water Board or Regional Office of the EPA.

13. Disposal Considerations

Waste Disposal Method

Dispose of in accordance with Local, State and Federal regulations.

Plastic container disposal: Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of .

14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name

No data available.

DOT Hazard Class: ORM-D

DOT Hazard Label: None

Additional Transport Information

Containers greater than 1.3 gallons: Flammable Liquid, Corrosive, N.O.S. (Marine Pollutant, Contains Isopropyl Alcohol, Caustic Soda, and OBCP), 3, UN2924, PG III, Synphenol-3

15. Regulatory Information

No data available.

16. Other Information

Additional Information About This Product

Container disposal: Plastic: triple rinse, then offer for recycling or reconditioning.

Company Policy or Disclaimer

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification.