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|  W.F. YOUNG <small>ESTD 1892</small> | Fungasol® Spray | Document Code: | SDS-0042 |
| | SAFETY DATA SHEET | Create Date: | 9/3/2021 |
| | <small>According to 29CFR 1910.1200 OSHA Hazard Communication Standard</small> | Revision Date: | 11/15/2024 |
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SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Absorbine® Fungasol® Spray
Product code : 430430

1.2. Recommended use and restrictions on use

Recommended use : Spray for External Use on Animals
Restrictions on use : Not for Human Use

1.3. Supplier

Manufacturer

W.F. Young, Inc.
302 Benton Drive
East Longmeadow, MA 01028
USA
T (413) 526-9999 x 468 - F (413) 526-9869
www.wfyoung.com

1.4. Emergency telephone number

Emergency number : Company Hotline: +1 (413) 526-9999

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Skin sensitization, Category 1 May cause an allergic skin reaction

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Warning
Hazard statements (GHS US) : May cause an allergic skin reaction
Precautionary statements (GHS US) : Avoid breathing mist, vapors.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves.
If on skin: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

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2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % |
|-----------------------------|---------------------|---------|
| Propylene glycol | CAS-No.: 57-55-6 | 0.5-1.5 |
| 4-Chloro-3,5-dimethylphenol | CAS-No.: 88-04-0 | 0.25 |
| Benzalkonium chloride | CAS-No.: 68391-01-5 | 0.13 |

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|--|
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. |
| First-aid measures after skin contact | : Wash skin with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. |
| First-aid measures after eye contact | : Rinse eyes with water as a precaution. |
| First-aid measures after ingestion | : Call a poison center or a doctor if you feel unwell. |

4.2. Most important symptoms and effects (acute and delayed)

| | |
|------------------|---|
| Symptoms/effects | : May cause an allergic skin reaction. May cause minor irritation to the respiratory tract and to other mucous membranes. |
| Chronic symptoms | : None known. |

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

| | |
|--------------------------------|---|
| Suitable extinguishing media | : Use extinguishing media appropriate for surrounding fire. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Specific hazards arising from the chemical

Fire hazard : This product is not classified as flammable or combustible.

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Explosion hazard : Intense heat may cause container to burst.
Hazardous decomposition products in case of fire : Carbon oxides (CO, CO2). Hydrocarbon. Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Prevent runoff from entering water courses, sewers and basements.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Use self-contained breathing apparatus and chemically protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Do not touch or walk on the spilled product. Avoid contact with skin and eyes. Wear suitable protective clothing.
6.1.1. For non-emergency personnel
Emergency procedures : Avoid contact with skin and eyes. Ventilate spillage area.
6.1.2. For emergency responders
Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Stop leak if safe to do so.
Methods for cleaning up : Absorb and/or contain spill with inert material, then place in suitable container. Notify authorities if product enters sewers or public waters.
Other information : Dispose in a safe manner in accordance with local/national regulations.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing mist, vapors. Ensure good ventilation of the work station.
Hygiene measures : Always wash hands after handling the product. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in dry, cool, well-ventilated area. Keep container tightly closed. Keep out of the reach of children.
Packaging materials : Store always product in container of same material as original container.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Propylene glycol (57-55-6)

USA - AIHA - Occupational Exposure Limits

| | |
|----------|----------------------|
| WEEL TWA | 10 mg/m ³ |
|----------|----------------------|

8.2. Appropriate engineering controls

| | |
|----------------------------------|--|
| Appropriate engineering controls | : Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits. |
| Environmental exposure controls | : Avoid release to the environment. |

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Wear impervious gloves. Consult supplier for specific recommendations.

Eye protection:

Wear security glasses which protect from splashes

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|---|
| Physical state | : Liquid |
| Appearance | : Colorless to slightly yellow. Liquid. |
| Color | : Colorless to slightly yellow |
| Odor | : Mild odor |
| Odor threshold | : No data available |
| pH | : ≈ 7 |
| Melting point | : No data available |
| Freezing point | : Not applicable |
| Boiling point | : > 100 °C |
| Flash point | : No data available |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability (solid, gas) | : No data available |
| Vapor pressure | : No data available |
| Relative vapor density at 20°C | : No data available |
| Relative density | : No data available |
| Solubility | : Soluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature | : Not applicable |

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| | |
|---------------------------|---------------------|
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : Not applicable |
| Viscosity, dynamic | : No data available |
| Explosion limits | : Not applicable |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------|------------------|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

Propylene glycol (57-55-6)

| | |
|--------------------|--------------|
| LD50 oral rat | 22000 mg/kg |
| LD50 dermal rat | 20800 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |

4-Chloro-3,5-dimethylphenol (88-04-0)

| | |
|--------------------|--------------|
| LD50 oral rat | ≥ 2000 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |

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4-Chloro-3,5-dimethylphenol (88-04-0)

| | |
|-----------------------------------|--|
| LC50 Inhalation - Rat (Dust/Mist) | 7.9 mg/l/4h |
| Skin corrosion/irritation | : Not classified pH: ≈ 7 |
| Serious eye damage/irritation | : Not classified pH: ≈ 7 |
| Respiratory or skin sensitization | : May cause an allergic skin reaction. |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |

Propylene glycol (57-55-6)

| | |
|---|---|
| NOAEL (subchronic,oral,animal/male,90 days) | 443 mg/kg body weight Animal: cat, Animal sex: male |
| Aspiration hazard | : Not classified |
| Viscosity, kinematic | : Not applicable |
| Symptoms/effects | : May cause an allergic skin reaction. May cause minor irritation to the respiratory tract and to other mucous membranes. |
| Chronic symptoms | : None known. |

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Propylene glycol (57-55-6)

| | |
|----------------------|---|
| LC50 - Fish [1] | 51400 mg/l Pimephales promelas (Fathead minnow) |
| EC50 - Crustacea [1] | 43500 mg/l |
| LC50 - Fish [2] | 51600 mg/l Oncorhynchus mykiss (Rainbow trout) |
| EC50 72h - Algae [1] | 19300 mg/l Skeletonema costatum (marine diatom) |
| EC50 72h - Algae [2] | 24200 mg/l Pseudokirchneriella subcapitata |
| EC50 96h - Algae [1] | 19100 mg/l Skeletonema costatum (marine diatom) |
| EC50 96h - Algae [2] | 19000 mg/l Pseudokirchneriella subcapitata |

4-Chloro-3,5-dimethylphenol (88-04-0)

| | |
|----------------------|--|
| LC50 - Fish [1] | ≈ 1.4 mg/l Oncorhynchus mykiss (Rainbow trout) |
| EC50 72h - Algae [1] | 3.8 – 3.8 mg/l Scenedesmus subspicatus |

12.2. Persistence and degradability

Absorbine® Fungasol® Spray

| | |
|-------------------------------|--------------------------------------|
| Persistence and degradability | No additional information available. |
|-------------------------------|--------------------------------------|

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Propylene glycol (57-55-6)

Persistence and degradability: Readily biodegradable.

4-Chloro-3,5-dimethylphenol (88-04-0)

Persistence and degradability: Rapidly degradable

Benzalkonium chloride (68391-01-5)

Persistence and degradability: Rapidly degradable

12.3. Bioaccumulative potential

Propylene glycol (57-55-6)

Partition coefficient n-octanol/water (Log Pow): -0.92

Bioaccumulative potential: Low bioaccumulation potential.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of in accordance with applicable federal, state, and local regulations. Refer to product label for additional information on use and handling.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

| DOT | TDG | IMDG | IATA |
|---|---------------|---------------|---------------|
| 14.1. UN number | | | |
| Not regulated for transport | | | |
| 14.2. Proper Shipping Name | | | |
| Not regulated | Not regulated | Not regulated | Not regulated |
| 14.3. Transport hazard class(es) | | | |
| Not regulated | Not regulated | Not regulated | Not regulated |
| 14.4. Packing group | | | |
| Not regulated | Not regulated | Not regulated | Not regulated |
| 14.5. Environmental hazards | | | |
| Not regulated | Not regulated | Not regulated | Not regulated |

| | | |
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| DOT | TDG | IMDG | IATA |
|--|-----|------|------|
| No supplementary information available | | | |

14.6. Special precautions for user

DOT
Not regulated

TDG
Not regulated

IMDG
Not regulated

IATA
Not regulated

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

| | |
|-------------------------------------|--|
| Absorbine® Fungasol® Spray | |
| SARA Section 311/312 Hazard Classes | Refer to Section 2 for OSHA Hazard Classification. |

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

| |
|---|
| Propylene glycol (57-55-6) |
| Listed on the Canadian DSL (Domestic Substances List) |

| |
|---|
| 4-Chloro-3,5-dimethylphenol (88-04-0) |
| Listed on the Canadian DSL (Domestic Substances List) |

| |
|---|
| Benzalkonium chloride (68391-01-5) |
| Listed on the Canadian DSL (Domestic Substances List) |

EU-Regulations

No additional information available

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National regulations

| |
|--|
| 4-Chloro-3,5-dimethylphenol (88-04-0) |
| Listed on INSQ (Mexican National Inventory of Chemical Substances) |

| |
|--|
| Benzalkonium chloride (68391-01-5) |
| Listed on INSQ (Mexican National Inventory of Chemical Substances) |

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

| Component | State or local regulations |
|---------------------------|--|
| Propylene glycol(57-55-6) | U.S. - New Jersey - Right to Know Hazardous Substance List |

SECTION 16: Other information

According to 29CFR 1910.1200 OSHA Hazard Communication Standard

Safety Data Sheet (SDS), USA

WF Young, Inc. urges each customer or recipient of this Safety Data Sheet to study it carefully and consult, if necessary or appropriate, experts in the field to be aware of the information contained in this SDS and any hazards associated with this product and understand them. Information herein is provided in good faith and believed to be accurate as of the date shown above. However, no warranty is given, either expressed or implied. The Regulatory requirements are subject to change and may vary by location. There is the responsibility of the purchaser / user to ensure that its activities comply with legislation. The information presented here pertains only to the product as shipped. The terms of use of the product are not under the control of the manufacturer, it is the duty of the purchaser / user to determine the conditions necessary for the safe use of this product. Due to the proliferation of information sources such as the Data Sheets (MSDS) specific to a manufacturer, we are not responsible and cannot be held accountable for SDSs obtained from any source other than ourselves. If you obtained an SDS from another source or if you are worried that your SDS is outdated, please contact us for the latest version.

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