#### NICHINO AMERICA, INC.

# SAFETY DATA SHEET

Miteus® Miticide/Insecticide

### Section 1. Identification

: Miteus® Miticide/Insecticide **GHS** product identifier

Other means of identification

: Active ingredient:

Common name: Fenpyroximate Chemical name: Benzoic acid, 4-[[[(E)-[(1,3-dimethyl-5-phenoxy-1H-pyrazol-4-yl)

methylene]amino]oxy]methyl]-, 1,1-dimethylethyl ester

**Product code** : EPA Registration Number: 71711-4

**Product use** : Miticide. Insecticide.

Suspension Concentrate.

Supplier's details : Nichino America Inc

4550 Linden Hill Road, Suite 501

Wilmington, DE 19808

**United States** 

Telephone number: 302-636-9001

e-mail address of person

responsible for this SDS

: Not available.

**Emergency telephone** number (with hours of

: In case of fire or spill: (800) 424-9300 (24 hours per day) For international shipments: (703) 527-3887 (24 hours per day)

operation)

For emergency health and safety inquiries: (800) 348-5832 (24 hours per day)

### Section 2. Hazards identification

: This material is considered hazardous by the OSHA Hazard Communication Standard **OSHA/HCS** status

(29 CFR 1910.1200).

Classification of the

: ACUTE TOXICITY (inhalation) - Category 4

EYE IRRITATION - Category 2A substance or mixture

**GHS** label elements

Hazard pictograms



Signal word : Warning

: Causes serious eye irritation. **Hazard statements** 

Harmful if inhaled.

**Precautionary statements** 

Prevention : Wear eye or face protection. Use only outdoors or in a well-ventilated area. Avoid

breathing dust or mist. Wash hands thoroughly after handling.

: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a Response

POISON CENTER or doctor if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice or attention.

: Not applicable. Storage **Disposal** : Not applicable. Hazards not otherwise

classified

: None known.

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# Section 3. Composition/information on ingredients

Substance/mixture

: Mixture

Other means of identification

: Active ingredient:

Common name: Fenpyroximate

Chemical name: Benzoic acid, 4-[[(E)-[(1,3-dimethyl-5-phenoxy-1H-pyrazol-4-yl)

methylene]amino]oxy]methyl]-, 1,1-dimethylethyl ester

**Product code** : EPA Registration Number: 71711-4

| Ingredient name  | %         | CAS number  |
|--|-----------|-------------|
| propane-1,2-diol   | 7 - 15    | 57-55-6     |
| Fenpyroximate  | 5         | 134098-61-6 |
| Nonylphenol, ethoxylated   | 0.5 - 1.5 | 9016-45-9   |
| Sodium hydroxide   | ≤0.1      | 1310-73-2   |
| The specific chemical identity and/or percentage of composition is being withheld as a trade secret. |           |             |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

#### **Description of necessary first aid measures**

Eye contact

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Inhalation

: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Skin contact

: Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion

: Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

Eye contact : Causes serious eye irritation.

Inhalation : Harmful if inhaled.

: No known significant effects or critical hazards. Skin contact

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## Section 4. First aid measures

**Ingestion**: No known significant effects or critical hazards.

Over-exposure signs/symptoms

**Eye contact**: Adverse symptoms may include the following:

pain or irritation watering redness

**Inhalation**: Adverse health effects could include the following:

respiratory tract irritation

coughing

Skin contact : No specific data.

Ingestion : No specific data.

#### Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician : In case of inhalation of decomposition products in a fire, symptoms may be delayed.

The exposed person may need to be kept under medical surveillance for 48 hours.

**Specific treatments**: No specific treatment.

**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is

suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to

give mouth-to-mouth resuscitation.

#### See toxicological information (Section 11)

# Section 5. Fire-fighting measures

#### **Extinguishing media**

Suitable extinguishing media

: Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam. Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing

media

: Do not use water jet.

Specific hazards arising from the chemical

: In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products

: Decomposition products may include the following materials:

carbon dioxide carbon monoxide nitrogen oxides

Special protective actions for fire-fighters

: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable

training.

Special protective equipment for fire-fighters

 Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is

inadequate. Put on appropriate personal protective equipment.

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in

Section 8 on suitable and unsuitable materials. See also the information in "For non-

emergency personnel".

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## Section 6. Accidental release measures

#### **Environmental precautions**

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

#### Methods and materials for containment and cleaning up

#### Small spill

: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

#### Large spill

: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

# Section 7. Handling and storage

#### Precautions for safe handling

#### **Protective measures**

: Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

#### Advice on general occupational hygiene

: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

# including any incompatibilities

Conditions for safe storage, : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

# Section 8. Exposure controls/personal protection

#### **Control parameters**

#### Occupational exposure limits

| Ingredient name  | Exposure limits   |
|------------------|---|
| propane-1,2-diol | OARS WEEL (United States, 1/2021). TWA: 10 mg/m³ 8 hours.   |
| sodium hydroxide | ACGIH TLV (United States, 3/2020). C: 2 mg/m³ NIOSH REL (United States, 10/2016). CEIL: 2 mg/m³ OSHA PEL (United States, 5/2018). TWA: 2 mg/m³ 8 hours. |

#### Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

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# Section 8. Exposure controls/personal protection

# Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

#### **Individual protection measures**

**Hygiene measures**: Wash hands, forearms and face thoroughly after handling chemical products, before

eating, smoking and using the lavatory and at the end of the working period.

Appropriate techniques should be used to remove potentially contaminated clothing.

Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk

assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

**Skin protection** 

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be

worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the

protection time of the gloves cannot be accurately estimated.

**Body protection**: Personal protective equipment for the body should be selected based on the task being

performed and the risks involved and should be approved by a specialist before

handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected

based on the task being performed and the risks involved and should be approved by a

specialist before handling this product.

**Respiratory protection**: Based on the hazard and potential for exposure, select a respirator that meets the

appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important

aspects of use.

**Recommended:** Ensure an MSHA/NIOSH-approved respirator or equivalent is used.

# Section 9. Physical and chemical properties and safety characteristics

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

#### **Appearance**

Physical state : Liquid.
Color : White.

Odor threshold : Ester. [Slight]
: Not available.

pH : 6.19 (1% Suspension)

Melting point/freezing point Boiling point, initial boiling

point, and boiling range

: Not available.: Not available.

Flash point : >98°C (>208.4°F)
Flammability : Not applicable.

Lower and upper explosion : Not available.

limit/flammability limit

Vapor pressure: Not available.Relative vapor density: Not available.Relative density: Not available.

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# Section 9. Physical and chemical properties and safety characteristics

Density : 1.03 g/mL

Solubility(ies) :

Not available.

Solubility in water : 0.000026 g/l

Partition coefficient: n- : Not applicable.

octanol/water

Auto-ignition temperature : 495°C (923°F)

Decomposition temperature : Not available.

**Viscosity** : 3.84 cm<sup>2</sup>/s (384 cSt)

Explosive properties : Not available.

Oxidizing properties : Not available.

Particle characteristics

Median particle size : Not applicable.

# Section 10. Stability and reactivity

**Reactivity**: No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** : Stable under recommended storage and handling conditions (see Section 7).

Possibility of hazardous

reactions

: Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** : Keep away from heat, sparks and flame.

**Incompatible materials** : No specific data.

**Hazardous decomposition** 

products

: Hazardous decomposition products (In case of fire):

carbon dioxide carbon monoxide nitrogen oxides

# **Section 11. Toxicological information**

#### Information on toxicological effects

#### **Acute toxicity**

| Product/ingredient name      | Result                          | Species      | Dose        | Exposure |
|------------------------------|---------------------------------|--------------|-------------|----------|
| Miteus® Miticide/Insecticide | LC50 Inhalation Dusts and mists | Rat - Male   | 1.9 mg/l    | 4 hours  |
|                              | LC50 Inhalation Dusts and mists | Rat - Female | 2.4 mg/l    | 4 hours  |
|                              | LD50 Dermal                     | Rat - Male   | >2000 mg/kg | -        |
|                              | LD50 Dermal                     | Rat - Female | >2000 mg/kg | -        |
|                              | LD50 Oral                       | Rat - Female | 6789 mg/kg  | -        |
|                              | LD50 Oral                       | Rat - Male   | 7193 mg/kg  | -        |

**Conclusion/Summary** 

: Harmful if inhaled.

Irritation/Corrosion

# Section 11. Toxicological information

| Product/ingredient name      | Result                             | Species | Score | Exposure | Observation |
|------------------------------|------------------------------------|---------|-------|----------|-------------|
| Miteus® Miticide/Insecticide | Eyes - Moderate irritant           | Rabbit  | -     | -        | -           |
|                              | Skin - Non-irritating to the skin. | Rabbit  | -     | -        | -           |

Conclusion/Summary

**Skin**: Based on available data, the classification criteria are not met.

**Eyes** : Causes serious eye irritation.

**Respiratory**: Not available.

#### **Sensitization**

| <b>9</b>                     | Route of exposure | Species    | Result          |
|------------------------------|-------------------|------------|-----------------|
| Miteus® Miticide/Insecticide | skin              | Guinea pig | Not sensitizing |

#### Conclusion/Summary

**Skin**: Based on available data, the classification criteria are not met.

#### **Mutagenicity**

| Product/ingredient name | Test   | Experiment  | Result   |
|-------------------------|--|---|----------|
| Fenpyroximate           | Bacterial Reverse<br>Mutation Test                   | Subject: Bacteria                                 | Negative |
|                         | In vitro Mammalian<br>Chromosomal<br>Aberration Test | Experiment: In vitro<br>Subject: Mammalian-Animal | Negative |
|                         | Micronucleus-test                                    | Subject: Mammalian-Animal                         | Negative |

#### Conclusion/Summary

: Based on available data, the classification criteria are not met.

#### Carcinogenicity

| Product/ingredient name | Result   | Species | Dose | Exposure  |
|-------------------------|----------|---------|------|-----------|
| Fenpyroximate           | Negative | Rat     | -    | 2 years   |
|                         | Negative | Mouse   | -    | 18 months |

#### Conclusion/Summary

: Based on available data, the classification criteria are not met.

#### **Reproductive toxicity**

| Product/ingredient name | Maternal toxicity | Fertility | Developmental toxin | Species | Dose | Exposure |
|-------------------------|-------------------|-----------|---------------------|---------|------|----------|
| Fenpyroximate           | Negative          | Negative  | Negative            | Rat     | -    | -        |

#### **Conclusion/Summary**

: Based on available data, the classification criteria are not met.

#### **Teratogenicity**

| Product/ingredient name | Result                                  | Species | Dose | Exposure |
|-------------------------|---|---------|------|----------|
| Fenpyroximate           | Negative - Route of exposure unreported | Rabbit  | -    | -        |
|                         | Negative - Route of exposure unreported | Rat     | -    | -        |

**Conclusion/Summary** 

: Based on available data, the classification criteria are not met.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

Not available.

#### **Aspiration hazard**

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# Section 11. Toxicological information

Not available.

Information on the likely

routes of exposure

: Routes of entry anticipated: Ocular, Inhalation.

#### Potential acute health effects

**Eye contact** : Causes serious eye irritation.

**Inhalation**: Harmful if inhaled.

Skin contactIngestionNo known significant effects or critical hazards.No known significant effects or critical hazards.

#### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact**: Adverse symptoms may include the following:

pain or irritation watering redness

**Inhalation**: Adverse health effects could include the following:

respiratory tract irritation

coughing

Skin contact : No specific data.

Ingestion : No specific data.

#### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

Potential immediate effects

: Not available.

\_\_\_\_\_

Potential delayed effects : Not available.

Long term exposure

Potential immediate : Not available.

effects

Potential delayed effects : Not available.

#### Potential chronic health effects

Not available.

**Conclusion/Summary**: Based on available data, the classification criteria are not met.

General : No known significant effects or critical hazards.
 Carcinogenicity : No known significant effects or critical hazards.
 Mutagenicity : No known significant effects or critical hazards.
 Reproductive toxicity : No known significant effects or critical hazards.

#### **Numerical measures of toxicity**

#### **Acute toxicity estimates**

| Product/ingredient name | Oral (mg/<br>kg) | Dermal<br>(mg/kg) |   | (vapors) | Inhalation<br>(dusts and<br>mists) (mg/<br>I) |
|-------------------------|------------------|-------------------|---|----------|---|
| Not applicable.         | -                | -                 | - | -        | -   |

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# **Section 12. Ecological information**

#### **Toxicity**

Conclusion/Summary : Not determined.

#### Persistence and degradability

**Conclusion/Summary**: Not available.

#### **Bioaccumulative potential**

Not available.

#### **Mobility in soil**

Soil/water partition coefficient (Koc)

: Not applicable.

**Mobility** : Not available.

Other adverse effects: No known significant effects or critical hazards.

# Section 13. Disposal considerations

#### Disposal methods

: Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide spray, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container disposal:** Triple rinse (or equivalent) into application equipment or a mix tank or store rinsate for later use or disposal. Puncture and dispose of container in a santary landfill or by other procedures approved by state or local authorities.

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

# Section 14. Transport information

|                            | DOT<br>Classification | TDG<br>Classification | Mexico<br>Classification | ADR/RID        | IMDG  | IATA   |
|----------------------------|-----------------------|-----------------------|--------------------------|----------------|---|--|
| UN number                  | Not regulated.        | Not determined        | Not determined.          | Not determined | UN3082  | UN3082   |
| UN proper shipping name    | -                     | -                     | -                        | -              | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fenpyroximate) | Environmentally hazardous substance, liquid, n.o.s. (Fenpyroximate)  |
| Transport hazard class(es) | -                     | -                     | -                        | -              | 9   | 9  |
| Label                      |                       |                       |                          |                | ****  | <b>1 1 2 2 2 2 3 3 3 3 4 3 3 4 3 3 4 3</b> |
| Packing group              | -                     | -                     | -                        | -              | III   | III  |

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# **Section 14. Transport information**

| Environmental | No. | - | - | - | Marine         | Yes. |
|---------------|-----|---|---|---|----------------|------|
| hazards       |     |   |   |   | Pollutant: Yes |      |

#### **Additional information**

**IMDG** 

: This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

Emergency schedules F-A, S-F Special provisions 274, 335, 969

**IATA** 

: This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.

Quantity limitation Passenger and Cargo Aircraft: 450 L. Packaging instructions: 964. Cargo Aircraft Only: 450 L. Packaging instructions: 964. Limited Quantities - Passenger

Aircraft: 30 kg. Packaging instructions: Y964. Special provisions A97, A158, A197, A215

Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according**: Not applicable. to IMO instruments

## Section 15. Regulatory information

U.S. Federal regulations

: This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of nonpesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

**EPA Registration Number:** 71711-4

#### WARNING

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear (goggles or face shield). Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Harmful if inhaled. Avoid breathing spray mist. Remove contaminated clothing and wash clothing before reuse.

Clean Water Act (CWA) 311: sodium hydroxide

Clean Air Act Section 112

(b) Hazardous Air Pollutants (HAPs) : Not listed

Clean Air Act Section 602 Class I Substances

: Not listed

Clean Air Act Section 602

: Not listed

Class II Substances

: Not listed

**DEA List I Chemicals** (Precursor Chemicals)

: Not listed

**DEA List II Chemicals** (Essential Chemicals)

**SARA 302/304** 

Composition/information on ingredients

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# Section 15. Regulatory information

No products were found.

SARA 304 RQ : Not applicable.

**SARA 311/312** 

Classification : ACUTE TOXICITY (inhalation) - Category 4

EYE IRRITATION - Category 2A

#### Composition/information on ingredients

| Name                     | %         | Classification                  |
|--------------------------|-----------|---------------------------------|
| propane-1,2-diol         | 7 - 15    | EYE IRRITATION - Category 2A    |
| Nonylphenol, ethoxylated | 0.5 - 1.5 | SKIN IRRITATION - Category 2    |
|                          |           | EYE IRRITATION - Category 2A    |
| sodium hydroxide         | ≤0.1      | SKIN CORROSION - Category 1     |
|                          |           | SERIOUS EYE DAMAGE - Category 1 |

#### **SARA 313**

|                                 | Product name             | CAS number | %         |
|---------------------------------|--------------------------|------------|-----------|
| Form R - Reporting requirements | Nonylphenol, ethoxylated | 9016-45-9  | 0.5 - 1.5 |
| Supplier notification           | Nonylphenol, ethoxylated | 9016-45-9  | 0.5 - 1.5 |

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

#### State regulations

Massachusetts: None of the components are listed.New York: None of the components are listed.

New Jersey : The following components are listed: PROPYLENE GLYCOL; 1,2-PROPANEDIOL

Pennsylvania: The following components are listed: 1,2-PROPANEDIOL

California Prop. 65

No components are listed under California Prop. 65.

#### **International regulations**

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### **Montreal Protocol**

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

#### **UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

#### **Inventory list**

**United States** : All components are active or exempted. This product is a registered pesticide.

## Section 16. Other information

#### Procedure used to derive the classification

| Classification                           | Justification         |
|--|-----------------------|
| ACUTE TOXICITY (inhalation) - Category 4 | On basis of test data |
| EYE IRRITATION - Category 2A             | On basis of test data |

#### **History**

Miteus® Miticide/Insecticide

## Section 16. Other information

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**Key to abbreviations** : ADR = The European Agreement concerning the International Carriage of Dangerous

Goods by Road

ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
DOT = Department of Transportation

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973

as modified by the Protocol of 1978. ("Marpol" = marine pollution)

N/A = Not available

RID = The Regulations concerning the International Carriage of Dangerous Goods by

Rail

SGG = Segregation Group

TDG = Transportation of Dangerous Goods

UN = United Nations

**References**: Not available.

Indicates information that has changed from previously issued version.

#### **Notice to reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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