

# Material Safety Data Sheet



## MITE SPRAY™

Cat #: 59-130 Mite Spray, 975ml with Foaming Sprayer  
Cat #: 59-130R Mite Spray Refill, 975ml

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product information

Trade name : Mite Spray™  
Use of the : Surface Decontaminant  
Substance/Preparation :  
Company : Genesee Scientific  
8430 Juniper Creek Lane  
San Diego, CA 92126

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

Appearance / Odor : Green / liquid / pleasant

**Immediate Concerns** : Avoid contact with skin, eyes and clothing.

#### Potential Health Effects

Routes of exposure : Eye, Skin, Inhalation, Ingestion.

Eyes : None known.

Skin : None known.

Inhalation : None known.

Ingestion : None known.

Aggravated Medical Condition : None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                    | CAS-No.   | Weight %      |
|----------------------------------|-----------|---------------|
| Water                            | 7732-18-5 | 70.00 - 80.00 |
| Isopropanol                      | 67-63-0   | 25.00 - 30.00 |
| Ethyleneglycol<br>Monohexylether | 112-25-4  | 0.10 - 1.00   |

### 4. FIRST AID MEASURES

Eye contact : Rinse with plenty of water.



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|                |                                        |
|----------------|----------------------------------------|
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|              |                                                                                                                                                                                                                |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Skin contact | : No special requirements                                                                                                                                                                                      |
| Inhalation   | : No special requirements                                                                                                                                                                                      |
| Ingestion    | : If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Get medical attention immediately. |

|                                       |                                                                                                                                                                                                                                                                            |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media          | : Alcohol foam, carbon dioxide, dry chemical, water fog                                                                                                                                                                                                                    |
| Specific hazards during fire fighting | : Container may melt and leak in heat of fire.                                                                                                                                                                                                                             |
| Further information                   | : Although this product has a flash point below 200 Deg F, it is an aqueous solution containing an alcohol and does not sustain combustion. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus. |
| Flash point                           | : 131 °F<br>Method: Tag Closed Cup (TCC)                                                                                                                                                                                                                                   |
| Flash point                           | : 54 °C<br>Method: Tag Closed Cup (TCC)                                                                                                                                                                                                                                    |
| Lower explosion limit                 | : Note: no data available                                                                                                                                                                                                                                                  |
| Upper explosion limit                 | : Note: no data available                                                                                                                                                                                                                                                  |

|                         |                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions    | : Remove all sources of ignition.                                                                                            |
| Methods for cleaning up | : Soak up with inert absorbent material.<br>Sweep up and shovel into suitable containers for disposal.<br>Dike large spills. |

**Handling**

Advice on safe handling : KEEP OUT OF REACH OF CHILDREN AND PETS.

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Use only as directed.

Advice on protection : Keep away from heat and sources of ignition.  
against fire and explosion

#### Storage

Requirements for storage : Keep container closed when not in use.  
areas and containers      Keep in a dry, cool and well-ventilated place.  
Do not freeze.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

| Components  | CAS-No. | mg/m <sup>3</sup>     | ppm     | Basis      |
|-------------|---------|-----------------------|---------|------------|
| Isopropanol | 67-63-0 | -                     | 400 ppm | ACGIH STEL |
| Isopropanol | 67-63-0 | -                     | 200 ppm | ACGIH TWA  |
| Isopropanol | 67-63-0 | 980 mg/m <sup>3</sup> | 400 ppm | OSHA TWA   |

### Personal protective equipment

#### Respiratory protection

Industrial setting : No personal respiratory protective equipment normally required.

Household setting : No personal respiratory protective equipment normally required.

#### Hand protection

Industrial setting : not required under normal use

Household setting : not required under normal use

#### Eye protection

Industrial setting : No special requirements.

Household setting : No special requirements.

**Hygiene measures** : Use only with adequate ventilation. Wash thoroughly after handling. Wear suitable protective clothing.

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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                        |                                          |
|----------------------------------------|------------------------------------------|
| Form                                   | : liquid                                 |
| Color                                  | : green                                  |
| Odor                                   | : pleasant                               |
| pH                                     | : 10.5 - 11.5                            |
| Melting point                          | : no data available                      |
| Boiling point                          | : no data available                      |
| Freezing point                         | : no data available                      |
| Flash point                            | : 131 °F<br>Method: Tag Closed Cup (TCC) |
| Flash point                            | : 54 °C<br>Method: Tag Closed Cup (TCC)  |
| Evaporation rate                       | : no data available                      |
| Autoignition temperature               | : no data available                      |
| Lower explosion limit                  | : no data available                      |
| Upper explosion limit                  | : no data available                      |
| Vapour pressure                        | : similar to water                       |
| Water solubility                       | : completely soluble                     |
| Partition coefficient: n-octanol/water | : no data available                      |
| Specific Gravity                       | : 1.00 estimated                         |

#### 10. STABILITY AND REACTIVITY

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| Conditions to avoid              | : None known.                                                                        |
| Materials to avoid               | : Strong oxidizing agents<br>Do not mix with bleach or any other household cleaners. |
| Hazardous decomposition products | : When exposed to fire, produces normal products of combustion.                      |

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Hazardous reactions            :    Stable

### 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity                :    LD50 rat  
Dose: Calculated > 5,000 mg/kg

Acute inhalation toxicity        :    LC50 rat  
Dose: > 2.58 mg/l  
no data available

Acute dermal toxicity            :    LD50 rabbit  
Dose: > 5,000 mg/kg  
no data available

**Chronic effects**  
Carcinogenicity                 :    no data available

Mutagenicity                     :    no data available

Reproductive effects            :    no data available

Teratogenicity                  :    no data available

Sensitisation                    :    Not known to be a sensitizer.

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity effects**            :    Not Available

### 13. DISPOSAL CONSIDERATIONS

Industrial setting                :    Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding disposal.

Household setting               :    Consumer may discard empty container in trash, or recycle where facilities exist.

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#### 14. TRANSPORT INFORMATION

##### Land transport

###### U.S. DOT and Canadian TDG Surface Transportation:

NA number                      1993  
Proper shipping name        Combustible Liquid, N.O.S.  
Class:                            Combustible liquid  
Packaging group:              III

Note:                              Genesee Scientific ships this product as "Non-Regulated" per DOT exception for Combustible Liquids. (49 CFR 173.150)

##### Sea transport

###### IMDG:

UN-Number:                    None.  
Packaging group:              None.  
Proper shipping name        not regulated  
Class:                            None.

##### Air transport

###### ICAO/IATA:

Class:                            None.  
Packaging group:              None.  
Proper shipping name        not regulated  
UN/ID No.:                      None.

#### 15. REGULATORY INFORMATION

##### Global Chemical Inventories

Notification status            : All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

                                         : All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

California Prop. 65            : This product is not subject to the reporting requirements under California's Proposition 65.

                                         : This product has been classified in accordance with hazard

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criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

### 16. OTHER INFORMATION

#### HMIS Ratings

|              |   |
|--------------|---|
| Health       | 0 |
| Flammability | 2 |
| Reactivity   | 0 |

#### NFPA Ratings

|            |   |
|------------|---|
| Health     | 0 |
| Fire       | 2 |
| Reactivity | 0 |
| Special    |   |

#### Further information

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|              |                    |
|--------------|--------------------|
| Prepared by: | Genesee Scientific |
|--------------|--------------------|