

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 : None known.
Condition

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 Monohexylether	112-25-4	0.10 - 1.00

4. FIRST AID MEASURES

Eye contact : Rinse with plenty of water.

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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.

5. FIRE-FIGHTING MEASURES

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
Method: Tag Closed Cup (TCC)
Flash point : 54 °C
Method: Tag Closed Cup (TCC)
Lower explosion limit : Note: no data available
Upper explosion limit : Note: no data available

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

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 ³	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 ³	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 Method: Tag Closed Cup (TCC)
Flash point	: 54 °C 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 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
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