Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2012 and GHS Rev 03

Printing Date: September 15, 2023 **Revision Date: 12/1/2018**

Product Identifier: BushDoctor® Force of Nature™ Fungicide

SECTION 1: IDENTIFICATION

Product Identifier: BushDoctor® Force of Nature™ Fungicide

Product Description: Liquid fungicide concentrate

Manufacturer: United Compost & Organics
dba FoxFarm Soil & Fertilizer Company
PO Box 787, Arcata, CA 95518
1900 Bendixsen Street, Samoa, CA 95564
foxfarm@foxfarm.com
(800) 436-9327 or (707) 443-4369 for product information
www.foxfarm.com

Emergency Telephone Number: (707) 443-4369, M-F 8:30am–5:00pm PST.

SECTION 2: HAZARD(S) IDENTIFICATION

Classifications:

Flammability – n/a (intrinsically noncombustible)
Health – Category 5 (irritation or minor reversible injury possible)
Instability/Reactivity – n/a (stable)

Pictograms:

n/a

Signal Word:

Warning

Hazard Statements:

H303 May be harmful if swallowed
H315 Causes Skin Irritation
H320 Causes eye irritation

Precautionary Statements:

P102 Keep out of reach of children
P262 Do not get in eyes, on skin, or on clothing
P264 Wash skin thoroughly after handling
P280 Wear protective gloves, clothing, eye protection, and face protection

Storage:

Avoid overheating or freezing.

Disposal:

Dispose of contents/containers in accordance with federal, state, and local regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: Mixture
Description: Mixture of the substances listed below with nonhazardous additions.

Component	CAS Number	%
Cottonseed Oil	8001-29-4	30
Corn Oil	8001-30-7	30
Garlic Oil	800-78-0	23
Lauric Acid	143-07-7	Trade secret
Oleic Acid	122-80-1	Trade secret
Sodium Bicarbonate	144-55-8	Trade secret

SECTION 4: FIRST-AID MEASURES

Inhalation:

Remove from source of exposure to fresh air. Get medical attention if necessary.

Skin Contact:

Thoroughly wash off skin with water. Wash contaminated clothing before re-use.

Eye Contact:

Immediately flush eyes with large amounts of water. Remove contact lenses.

Ingestion:

If swallowed, thoroughly wash out mouth and drink plenty of water. Do not induce vomiting. Get medical attention if necessary.

Notes to Physician:

Symptoms: May cause minor irritation, redness, and/or burning to the eyes. Prolonged exposure to the eyes may cause conjunctivitis. Dermal exposure may cause irritation, redness, and/or burning. Prolonged exposure to the skin may cause dermatitis. Ingestion may cause nausea, vomiting, and/or diarrhea.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Material is non-combustible.

Specific Hazards During Fire Fighting:

No further relevant information available.

Special Protective Equipment for Fire Fighters:

No special measures required.

Further Information:

No further relevant information available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Avoid contact with skin and eyes. Keep unprotected persons away.

Protective Equipment:

Wear gloves and face protection as necessary.

Environmental Precautions:

Avoid discharge into the environment. After containment and cleanup, flush and dilute spilled area with water.

Methods of Containment and Cleanup

Surround spill with containment berms to prevent spreading. Use appropriate absorbent material to absorb the spilled material. Flush spilled area with water.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling:

Wear personal protective equipment as necessary. Emergency eye wash stations should be in the near proximity to operations presenting a potential splash exposure. Avoid repeated and/or prolonged skin exposure.

Conditions for Safe Storage, Including Incompatibilities:

Store in a cool, dry, well-ventilated area away from direct sunlight. Avoid overheating or freezing. Keep containers tightly closed when not in use.

Further Information:

Use good personal hygiene practices. After handling material wash hands before eating, drinking, smoking, or using toilet facilities. Keep away from foodstuffs and beverages.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with Occupational Exposure Limits (lists that were valid at creation used as basis)**:**

Component	CAS Number	Type	Value

n/a	n/a	n/a	n/a

Personal Protective Equipment (PPE)

Engineering Measures:

No further relevant information available.

Eye Protection:

Safety glasses or goggles are recommended where there is a possibility of splashing or spraying. Ensure that eyewash stations are close to the workstation.

Hand Protection:

To prevent skin contact wear water resistant gloves, such as those constructed of nitrile.

Skin and Body Protection:

Wear protective clothing to prevent skin contact. Promptly remove contaminated clothing and launder before re-use.

Respiratory Protection:

No special equipment required.

General Protective and Hygienic Practices:

Emergency eye wash capability should be available in the near proximity to operations presenting a potential splash exposure. Avoid repeated and/or prolonged skin exposure. Use good personal hygiene practices. After handling material wash hands before eating, drinking, smoking, or using toilet facilities. Keep away from foodstuffs and beverages.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Cloudy white liquid

Odor: Garlic odor

Odor Threshold: Not determined

pH: Not determined

Specific Gravity (Relative Density): 0.99

Solubility: Miscible

Melting Point/Freezing Point: 0 °C (32 °F)

Initial Boiling Point and Boiling Range: 100 °C (212 °F)

Danger of Explosion: Material does not present an explosion hazard.

Flammability: n/a

Flash Point: n/a

Auto-Ignition Temperature: Material is not self-igniting.

Decomposition Temperature: Not determined.

Vapor Pressure: Not determined.

Vapor Density: Not determined.

Evaporation Rate: Not determined.

Viscosity: Not determined.

Partition Coefficient (n-octanol/water): Not determined.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No further relevant information.

Chemical Stability: Material is stable under normal conditions.

Possibility of Hazardous Reactions: No dangerous reactions known.

Hazardous Decomposition: No dangerous decomposition products known.

Conditions to Avoid: Avoid heat.

Incompatible Materials: Strong acidic or basic solutions.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Relevant Numerical Measure of Toxicity:

n/a

Likely Routes of Exposure:

Ingestion

Immediate Exposure Effects:

May experience nausea, vomiting, and abdominal cramps.

Delayed Exposure Effects:

May experience nausea, vomiting, abdominal cramps, and diarrhea.

Symptoms of Exposure:

Ingestion may cause nausea, vomiting, and diarrhea.

Chronic Toxicity

Relevant Numerical Measure of Toxicity:

n/a

Likely Routes of Exposure:

Dermal contact.

Immediate Exposure Effects:

May cause irritation, redness, and/or burning.

Delayed Exposure Effects:

None anticipated.

Symptoms of Exposure:

May cause irritation, redness, and/or burning. Prolonged exposure may cause dermatitis.

Carcinogenic Categories

IARC (International Agency for Research on Cancer):

None of the ingredients are listed.

NTP (National Toxicology Program):

None of the ingredients are listed.

OSHA (Occupational Safety & Health Administration):

None of the ingredients are listed.

SECTION 12: ECOLOGICAL INFORMATION

General Notes:

Keep out of sewers, drainage areas, and waterways. Report spills and releases, as applicable, under federal and state regulations.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal:

Dispose of container and unused contents in accordance with federal, state and local requirements.

Further Information:

Do not dispose of in sewage system.

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SECTION 14: TRANSPORT INFORMATION

General Notes:

Not regulated for transport.

SECTION 15: REGULATORY INFORMATION

OSHA Hazards

None of the ingredients are listed.

TSCA (Toxic Substances Control Act)

None of the ingredients are listed.

California Prop. 65

None of the ingredients are listed.

SARA Hazards

None of the ingredients are listed.

EPA (Environmental Protection Agency)

None of the ingredients are listed.

TLV (Threshold Limit Value Established by ACGIH)

None of the ingredients are listed.

NIOSH (National Institute for Occupational Safety and Health)

None of the ingredients are listed.

SECTION 16: OTHER INFORMATION

The information and recommendations provided in this Safety Data Sheet are accurate to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship.