



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet

Ferti-lome F-Stop Lawn & Garden Fungicide Ready to Spray

SECTION 1: Identification

GHS Product identifier

Product name	Ferti-lome F-Stop Lawn & Garden Fungicide Ready to Spray
Product number	10765
Brand	Ferti-lome

Other means of identification

EPA Reg. No. 7401-505

Recommended use of the chemical and restrictions on use

Fungicide

Supplier's details

Name	Voluntary Purchasing Groups, Inc.
Address	230 FM 87 Bonham TX 75418 USA

Telephone	855-270-4776
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Emergency phone number

In the event of a medical or chemical emergency contact ChemTel, Inc.
North American 1-800-255-3924 or worldwide Intl. + 01-813-248-0585

SECTION 2: Hazard identification

Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

Not a hazardous substance or mixture.

GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

Other hazards which do not result in classification

Not a hazardous substance or mixture.

SECTION 3: Composition/information on ingredients

Mixtures

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Hazardous components

Component	Concentration
Myclobutanil (CAS no.: 88671-89-0; EC no.: —; Index no.: 613-134-00-5)	1 %
CLASSIFICATIONS: Toxic to reproduction, Cat. 2; Acute toxicity, Cat. 4; Serious eye damage/eye irritation, Cat. 2; Hazardous to the aquatic environment, long-term (chronic), Cat. 2. HAZARDS: H302 - Harmful if swallowed; H319 - Causes serious eye irritation; H361d - ; H411 - Toxic to aquatic life with long lasting effects.	
Ethyl lactate (CAS no.: 97-64-3)	15 - 25 %, Proprietary
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

SECTION 4: First-aid measures

Description of necessary first-aid measures

General advice	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Keep out of reach of children.
If inhaled	No special requirements.
In case of skin contact	Wash skin with plenty of water.
In case of eye contact	Immediately flush eyes with water; remove contact lenses, if present after the first 5 minutes. then continue flushing eyes for at least 15 minutes. Obtain medical attention without delay, preferable from an ophthalmologist.
If swallowed	Call a poison control center or doctor immediately for treatment advise. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed

No information available.

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

No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Carbon dioxide, dry chemical and water spray.

Specific hazards arising from the chemical

Pesticide particulates can become airborne. Combustion generates toxic fumes of the following hydrogen chloride.

Special protective actions for fire-fighters

Wear self-contained breathing apparatus (pressure demand NIOSH approved or equivalent) and full protective gear.

Contain run-off. Remain upwind. Avoid breathing smoke. Use water spray to cool containers exposed to fire.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear appropriate protective equipment when handling a spill of this material.

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Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Methods and materials for containment and cleaning up

Stop leak if without risk. Move containers from spill area. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with earth, sand or absorbent material swept up and placed in suitable, covered, and labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

SECTION 7: Handling and storage

Precautions for safe handling

Put on appropriate personal protective equipment (see Section 8). Do not use near heat, open flame or any other ignition source. Take measures to prevent the buildup of electrostatic charge. Avoid contact with skin, eyes and clothing. Use an appropriate respirator when adequate ventilation is not available. Avoid breathing vapors or spray mists of the product.

Conditions for safe storage, including any incompatibilities

Store product in a cool, dry place, out of reach of children. Keep container closed when not in use. Keep away from food, drink and animal feedingstuffs. Keep tightly closed. Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

SECTION 8: Exposure controls/personal protection

Appropriate engineering controls

General ventilation normally adequate.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

During application, prevent entry into eyes. Wear safety glasses with side shields if using in large applications.

Skin protection

None required

Body protection

Handle in accordance with good industrial hygiene and safety practice. When using, do not eat or drink. Wash hands before breaks and immediately after handling the product.

Respiratory protection

Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

SECTION 9: Physical and chemical properties

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Appearance (physical state, color, etc.)	White to yellow liquid.
Odor	Minimal
Odor threshold	None known
pH	No information available
Melting point/freezing point	No information available
Initial boiling point and boiling range	No information available
Flash point	No information available
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Upper/lower flammability or explosive limits	No information available
Vapor pressure	No information available
Vapor density	No information available
Relative density	1.05
Solubility(ies)	No information available
Partition coefficient: n-octanol/water	No information available
Auto-ignition temperature	No information available
Decomposition temperature	No information available
Viscosity	No information available

Additional properties

Physical state	Liquid
Color	White to yellow

SECTION 10: Stability and reactivity

Reactivity

Do not mix with other chemicals.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

Hazardous polymerization does not occur.

Conditions to avoid

No information available

Incompatible materials

Avoid strong oxidizers.

Hazardous decomposition products

None known

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

No data available

Skin corrosion/irritation

LD50 > 5000 mg/kg (EPA tox. category IV)

Serious eye damage/irritation

Causes moderate eye irritation (EPA tox. category III)

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Respiratory or skin sensitization

LC50 > 2 mg/L (EPA tox. category IV)

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

Specific target organ toxicity (STOT) - single exposure

No data available

Specific target organ toxicity (STOT) - repeated exposure

No data available

Aspiration hazard

No data available

SECTION 12: Ecological information

Toxicity

No data available

Persistence and degradability

Not established.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Dispose in a safe manner in accordance with local/national regulations.

Packaging disposal

Dispose in a safe manner in accordance with local/national regulations.

Other disposal recommendations

Avoid release to the environment.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

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Safety, health and environmental regulations specific for the product in question

California Prop. 65 components

Chemical name: Myclobutanil

CAS number: 88671-89-0

04/16/1999 - developmental, male

04/16/1999 - Developmental toxicity

04/16/1999 - Male reproductive toxicity

New Jersey Right To Know Components

Common name: Ethyl lactate

CAS number: 97-64-3

EPA

This chemical is a pesticide product registered by the 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, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: CAUTION: Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Avoid breathing vapor or spray mist. Remove and wash contaminated clothing before reuse. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

HMIS Rating

Ferti-lome F-Stop Lawn & Garden Fungicide Ready to Spray	
HEALTH	1
FLAMMABILITY	
PHYSICAL HAZARD	
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

Further information/disclaimer

Voluntary Purchasing Groups, Inc. believes the information presented herein is accurate and correct as of the document date. The presented information is based upon available data from reliable sources. Voluntary Purchasing Groups, Inc. makes no warranty, express or implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions. We disclaim all liability for injury or damage stemming from any improper use of the material or product described herein.