



**VOLUNTARY PURCHASING GROUPS, INC.**

## **Safety Data Sheet Ferti-lome Weed-Out Nutsedge Control Ready to Use**

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### **SECTION 1: Identification**

#### **GHS Product identifier**

Product name Ferti-lome Weed-Out Nutsedge Control Ready to Use

Product number 11258

#### **Other means of identification**

EPA Reg. No. 279-3356-7401

#### **Recommended use of the chemical and restrictions on use**

Recommended Use: Herbicide

Restrictions on Use: Use as recommended by the label

#### **Supplier's details**

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

Telephone 855-270-4776

#### **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

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### **SECTION 2: Hazard identification**

#### **Classification of the substance or mixture**

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

- Acute toxicity, inhalation, Cat. 4

#### **GHS label elements, including precautionary statements**

#### **Pictograms**



#### **Signal word**

**Warning**

#### **Hazard statement(s)**

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H312 Harmful in contact with skin  
H302 Harmful if swallowed  
H333 May be harmful if inhaled

### Precautionary statement(s)

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
P271 Use only outdoors or in a well-ventilated area.  
P302 IF ON SKIN: Wash with plenty of water and soap.  
P312 Call a POISON CENTER if you feel unwell.  
P363 Wash contaminated clothing before reuse.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.  
P501 Dispose of contents/container according to label directions.  
P102 Keep out of reach of children.  
P103 Read label before use.

### Other hazards which do not result in classification

No hazards not otherwise classified were identified.

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## SECTION 3: Composition/information on ingredients

### Mixtures

#### Hazardous components

Component	Concentration
Sulfentrazone (CAS no.: 122836-35-5)	< 0.1 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

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## SECTION 4: First-aid measures

### Description of necessary first-aid measures

If inhaled Move to fresh air. If person is not breathing, call 911 (within the U.S. and Canada) or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

In case of skin contact Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.

In case of eye contact Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

If swallowed Clean mouth with water and afterwards drink plenty of water Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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

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None known.

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

Treat symptomatically.

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## SECTION 5: Fire-fighting measures

### Suitable extinguishing media

Dry chemical, CO<sub>2</sub>, water spray or regular foam. Avoid heavy hose streams.

### Specific hazards arising from the chemical

Hazardous Combustion Products Carbon oxides (CO<sub>x</sub>), Nitrogen oxides (NO<sub>x</sub>), Sulfur oxides, Hydrogen chloride, Hydrogen fluoride.

### Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus and full protective gear.

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## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Isolate and post spill area. Remove all sources of ignition. Wear suitable protective clothing, gloves and eye/face protection. For personal protection see section 8.

### Environmental precautions

See Section 12 for additional Ecological Information.

### Methods and materials for containment and cleaning up

Methods for Containment

Dike to prevent runoff. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up

Clean and neutralize spill area, tools and equipment by washing with bleach water and soap. Absorb rinsate and add to the collected waste. Waste must be classified and labeled prior to recycling or disposal. Dispose of waste as indicated in Section 13.

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## SECTION 7: Handling and storage

### Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.

### Conditions for safe storage, including any incompatibilities

Keep from freezing. Keep at temperatures above 0°C. Keep out of reach of children and animals. Keep/store only in original container. Store in a cool, dry area away from potential sources of heat, open flames, sunlight or other chemicals. Keep away from heat.

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## SECTION 8: Exposure controls/personal protection

### Appropriate engineering controls

Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.

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

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### Eye/face protection

For dust, splash, mist or spray exposure, wear chemical protective goggles.

### Skin protection

Wear suitable protective clothing. Protective shoes or boots.

### Respiratory protection

For dust, splash, mist or spray exposures wear a filtering mask.

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## SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)	Amber, Light tan Liquid
Odor	Ammoniacal, Mild
Odor threshold	No information available
pH	6.73
Melting point/freezing point	Not applicable
Initial boiling point and boiling range	No information available
Flash point	> 98.9 °C / > 210 °F
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	1.0002 g/mL (5.35 lb/gal) @ 19°C
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
<b>Additional properties</b>	
Physical state	Liquid
Color	
Explosive properties	No information available
Oxidizing properties	No information available

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## SECTION 10: Stability and reactivity

### Reactivity

None under normal use conditions

### Chemical stability

Stable under normal conditions

### Possibility of hazardous reactions

None under normal processing

### Conditions to avoid

Excessive heat, Keep away from open flames, hot surfaces and sources of ignition.

### Hazardous decomposition products

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Nitrogen oxides (NO<sub>x</sub>), Sulfur oxides, Hydrogen chloride, Hydrogen fluoride.

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## SECTION 11: Toxicological information

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### Information on toxicological effects

#### Acute toxicity

LD50 Oral 2855 mg/kg (rat)

LD50 Dermal > 2000 mg/kg (rat)

LC50 Inhalation > 4.13 mg/L (rat) (4-hr)

#### Skin corrosion/irritation

Non-irritating.

#### Serious eye damage/irritation

Non-irritating.

#### Respiratory or skin sensitization

Non-sensitizing

#### Reproductive toxicity

Sulfentrazone. No toxicity to reproduction in animal studies.

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

Not classified.

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

May cause damage to organs through prolonged or repeated exposure. See listed target organs below.

#### Aspiration hazard

No information available.

#### Additional information

Mutagenicity Sulfentrazone. Not genotoxic in animal studies

Carcinogenicity Sulfentrazone: No evidence of carcinogenicity from animal studies.

Neurological effects Sulfentrazone: Clinical signs of neurotoxicity in laboratory animals was observed at high dose levels

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## SECTION 12: Ecological information

### Toxicity

Sulfentrazone

EC50 - Algae - 72h

Result: 32.8 mg/L

Sulfentrazone

EC50 - Crustacea - 48h

Result: 60.4 mg/L

Sulfentrazone

LC50 - Fish - 96h

Result: 94 mg/L

Sulfentrazone

NOEC - Fish - 21d

Result: 5.9 mg/L

Sulfentrazone

NOEC - Crustacea - 21d

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Result: 0.51 mg/L

### Persistence and degradability

Sulfentrazone: Persistent, Does not readily hydrolyze.

### Bioaccumulative potential

Sulfentrazone: The substance does not have a potential for bioconcentration.

### Mobility in soil

Sulfentrazone: Mobile, Has potential to reach ground water.

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## SECTION 13: Disposal considerations

### Disposal methods

#### Product disposal

Improper disposal of excess pesticide, spray mixture, or rinsate is prohibited. If these wastes cannot be disposed of by use according to label instructions, contact appropriate disposal authorities for guidance. Proper personal protective equipment, as described in Sections 7 and 8, must be worn while handling materials for waste disposal.

#### Packaging disposal

Containers must be disposed of in accordance with local, state and federal regulations. Refer to the product label for container disposal instructions.

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## SECTION 14: Transport information

### DOT (US)

This material is not a hazardous material as defined by U.S. Department of Transportation at 49 CFR Parts 100 through 185.

### IMDG

UN/ID no: UN3082

Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s.

Hazard class: 9

Packing Group: III

EmS No: F-A, S-F

Marine Pollutant: Sulfentrazone

Description: UN3082, Environmentally hazardous substance, liquid, n.o.s. (sulfentrazone), 9 III, Marine Pollutant

### IATA

UN/ID no: UN3082

Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s.

Hazard class: 9

Packing Group: III

Description: UN3082, Environmentally hazardous substance, liquid, n.o.s. (sulfentrazone), 9 III, Marine Pollutant

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## SECTION 15: Regulatory information

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

#### SARA 313 Components

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazards

Acute health hazard Yes

Chronic health hazard Yes

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Fire hazard No  
Sudden release of pressure hazard No  
Reactive Hazard No

### FIFRA Information

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:

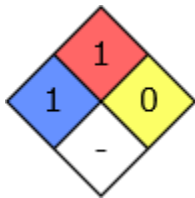
#### CAUTION

Causes moderate eye irritation. Harmful if inhaled, swallowed or absorbed through the skin.  
This pesticide is toxic to marine/estuarine invertebrates.

### HMIS Rating

Ferti-lome Weed-Out Nutsedge Control Ready to Use	
HEALTH	* 1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

### NFPA Rating



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## SECTION 16: Other information

### Further information/disclaimer

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.