



VOLUNTARY PURCHASING GROUPS, INC.

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

SECTION 1: Identification

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(s)

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: (US) OSHA (29 CFR 1910.1200)

- Acute toxicity, inhalation (C.4.3), Cat. 4

GHS label elements, including precautionary statements

Pictogram

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Signal word

Warning

Hazard statement(s)

H312
H302
H333

Harmful in contact with skin
Harmful if swallowed
May be harmful if inhaled

Precautionary statement(s)

P280
P261
P271
P302
P312
P363
P304+P340

P403+P233
P405
P501

Wear protective gloves/protective clothing/eye protection/face protection.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Use only outdoors or in a well-ventilated area.
IF ON SKIN: Wash with plenty of water and soap.
Call a POISON CENTER if you feel unwell.
Wash contaminated clothing before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Dispose of contents/container according to label directions.

Other hazards which do not result in classification

No hazards not otherwise classified were identified.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

1. Sulfentrazone

Concentration	< 0.1 % (weight)
CAS no.	122836-35-5

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.

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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
None known.

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

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Dry chemical, CO₂, water spray or regular foam. Avoid heavy hose streams.

Specific hazards arising from the chemical

Hazardous Combustion Products Carbon oxides (CO_x), Nitrogen oxides (NO_x), 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.

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.

SECTION 7: Handling and storage

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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.

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)

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.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (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 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
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 (CO₂), Nitrogen oxides (NO_x), Sulfur oxides, Hydrogen chloride, Hydrogen fluoride.

SECTION 11: Toxicological information

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.

STOT-single exposure

Not classified.

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.

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

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
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.

SECTION 13: Disposal considerations

Disposal of the product

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.

Disposal of contaminated packaging

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

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.

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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

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

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.