



**VOLUNTARY PURCHASING GROUPS, INC.**

## **Safety Data Sheet Ferti-lome® Weed Free Zone Plus Lawn Fertilizer**

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### **SECTION 1: Identification**

#### **GHS Product identifier**

Product name Ferti-lome® Weed Free Zone Plus Lawn Fertilizer  
Product number 13930  
Brand Ferti-lome®

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

N P K = 18-0-6  
EPA # 2217-883-7401

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

#### **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: OSHA (29 CFR 1910.1200, 2012)**

- Eye damage/irritation, Cat. 2B
- Acute toxicity, inhalation, Cat. 4
- Skin corrosion/irritation, Cat. 2
- Acute toxicity, oral, Cat. 4

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

#### **Pictograms**



# Safety Data Sheet

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### Hazard statement(s)

H320	Causes eye irritation
H332	Harmful if inhaled
H315	Causes skin irritation
H302	Harmful if swallowed
H411	Toxic to aquatic life with long lasting effects
H333	May be harmful if inhaled
H412	Harmful to aquatic life with long lasting effects

### Precautionary statement(s)

P264	Wash ... thoroughly after handling.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P271	Use only outdoors or in a well-ventilated area.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER/doctor/.../ if you feel unwell.
P280	Wear protective gloves.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P321	Specific treatment (see ... on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P270	Do not eat, drink or smoke when using this product.
P301+P312	IF SWALLOWED: Call a POISON CENTER /doctor/...if you feel unwell,
P330	Rinse mouth.
P501	Dispose of contents/container to ...
P102	Keep out of reach of children.
P103	Read label before use.

## SECTION 3: Composition/information on ingredients

### Mixtures

#### Hazardous components

Component	Concentration
<b>2,4-D 2-ethylhexyl ester (CAS no.: 1928-43-4)</b>	<b>Not specified</b>
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
<b>Dicamba (CAS no.: 1918-00-9; EC no.: 217-635-6; Index no.: 607-043-00-X)</b>	<b>Not specified</b>
CLASSIFICATIONS: Acute toxicity, Cat. 4; Eye damage/irritation, Cat. 1; Hazardous to the aquatic environment, long-term (chronic), Cat. 3. HAZARDS: H302 - Harmful if swallowed; H318 - Causes serious eye damage; H412 - Harmful to aquatic life with long lasting effects.	
<b>Mecoprop-p [1] and its salts (CAS no.: 16484-77-8; EC no.: 240-539-0; Index no.: 607-434-00-5)</b>	<b>Not specified</b>
CLASSIFICATIONS: Acute toxicity, Cat. 4; Eye damage/irritation, Cat. 1; Hazardous to the aquatic environment, long-term (chronic), Cat. 2. HAZARDS: H302 - Harmful if swallowed; H318 - Causes serious eye damage; H411 - Toxic to aquatic life with long lasting effects.	
<b>Sulfentrazone (CAS no.: 122836-35-5)</b>	<b>Not specified</b>
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
<b>Ammonium sulfate (CAS no.: 7783-20-2)</b>	<b>Not specified</b>
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
<b>Vpg potash (Index no.: 800170)</b>	<b>Not specified</b>
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
<b>Urea (CAS no.: 57-13-6)</b>	<b>Not specified</b>
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
<b>Xcu coated urea (CAS no.: 57-13-6)</b>	<b>Not specified</b>
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
<b>Vpg micromix (Index no.: 800620)</b>	<b>Not specified</b>
CLASSIFICATIONS: Acute toxicity, oral, Cat. 4; Skin corrosion/irritation, Cat. 2; Eye damage/irritation, Cat. 1; Toxic to reproduction, Cat. 1B; Specific target organ toxicity (repeated exposure), Cat. 2. HAZARDS: H302 - Harmful if swallowed; H315 - Causes skin	

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irritation; H319 - Causes serious eye irritation; H360 - May damage fertility or the unborn child [effect, route]; H373 - May cause damage to organs [organs] through prolonged or repeated exposure [route].

Vpg iron 50% (Index no.: 800299)

Not specified

CLASSIFICATIONS: No data available. HAZARDS: No data available.

### SECTION 4: First-aid measures

#### Description of necessary first-aid measures

General advice	Call a poison control center or doctor for treatment advice. Have the Safety Data Sheet, and if available, the product container or label with you when calling a poison control center or doctor, or going for treatment. Never give fluids or induce vomiting if a patient is unconscious or convulsing regardless of cause of injury. If breathing difficulties occur, seek medical attention immediately.
If inhaled	Move person to fresh air. If person is not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a poison control center or doctor for treatment advice.
In case of skin contact	Wash skin with soap and plenty of water for 15 to 20 minutes. Call a poison control center or doctor for 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 eyes. Call a poison control center or doctor for treatment advice.
If swallowed	Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a poison control center or doctor for treatment advice.
Personal protective equipment for first-aid responders	Respiratory Protection: NIOSH/MSHA approved for protection against toxic dusts containing quartz. Ventilation: General or local exhaust to maintain employee exposure below the TLV/PEL. Protective Gloves: PVC or Neoprene. Eye Protection: Safety glasses or goggles (ANSI Z87.1 1979) Other Protective Clothing or Equipment: Apron, boots, long sleeved shirt and full-length pants may be worn when necessary to prevent skin contact. Eye wash and shower facilities should be available.

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

No information available.

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

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No information available.

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### SECTION 5: Fire-fighting measures

#### Suitable extinguishing media

Foam, CO2, Dry Chemical

#### Specific hazards arising from the chemical

Fire fighting precautions would be the same as those used for any petroleum based oil product. Runoff from fire control area or dilution water may cause pollution. If surface water is contaminated, contact local authorities.

#### Special protective actions for fire-fighters

Wear positive-pressure breathing apparatus and full protective clothing. Fight fire from maximum distance. Stay up-wind and out of low areas.

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### SECTION 6: Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

Do not touch spilled material. See Section 8 for Personal Protective Equipment.

#### Methods and materials for containment and cleaning up

Sweep up material and collect into drums; cover and label for disposal or use. Flush area with water if possible.

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### SECTION 7: Handling and storage

#### Precautions for safe handling

Do not contaminate water, food, or feed by storage or disposal.

#### Conditions for safe storage, including any incompatibilities

Store in original container in a locked storage area. Keep from freezing.

#### Specific end use(s)

Engineering Control Statements:

Containers over 1 gallon and less than 5 gallons: Persons engaged in open pouring of this product must also wear coveralls or a chemical resistant apron.

Containers of 5 gallons or more: Do not open-pour product from this container. A mechanical system (such as a probe and pump or spigot) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal.

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### SECTION 8: Exposure controls/personal protection

#### Appropriate engineering controls

Ventilation: General or local exhaust to maintain employee exposure below the TLV/PEL.  
Individual protection measures, such as personal protective equipment (PPE).

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

##### Eye/face protection

Safety glasses with side shields or goggles (ANSI Z87.1 1979)

##### Skin protection

PVC or Neoprene (chemical-resistant) gloves

##### Body protection

Water proof apron, boots, long sleeved shirt and full-length pants may be worn when necessary to prevent skin

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### Respiratory protection

NIOSH/MSHA approved for protection

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## SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)	Brown, blue, white, & yellow granules
Odor	Salty odor
Odor threshold	No information available.
pH	6.45 for a 1 % aqueous solution
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	0.743 grams/milliliter
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	Solid
Color	Brown, blue, white, & yellow

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## SECTION 10: Stability and reactivity

### Reactivity

No information available.

### Chemical stability

Stable.

### Possibility of hazardous reactions

Hazardous Polymerization:

Will not occur.

### Conditions to avoid

No information available.

### Incompatible materials

None known

### Hazardous decomposition products

May produce gases such as HCl, organo chlorides, nitrogen oxides, and carbon monoxide when burning.

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Sulfentrazone

EC50 - Algae - 72h

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Result: 32.8 mg/L  
EC50 - Crustacea - 48h  
Result: 60.4 mg/L  
LC50 - Fish - 96h  
Result: 94 mg/L  
NOEC - Fish - 21d  
Result: 5.9 mg/L  
NOEC - Crustacea - 21d  
Result: 0.51 mg/L

**Skin corrosion/irritation**  
Slightly irritating to the skin

**Serious eye damage/irritation**  
Minimally irritating to the eye.

**Respiratory or skin sensitization**  
No information available.

**Germ cell mutagenicity**  
No information available.

**Carcinogenicity**  
No information available.

**Reproductive toxicity**  
No information available.

**Specific target organ toxicity (STOT) - single exposure**  
No information available.

**Specific target organ toxicity (STOT) - repeated exposure**  
No information available.

**Aspiration hazard**  
No information available.

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## SECTION 12: Ecological information

**Toxicity**  
Sulfentrazone  
EC50 - Algae - 72h  
Result: 32.8 mg/L  
EC50 - Crustacea - 48h  
Result: 60.4 mg/L  
LC50 - Fish - 96h  
Result: 94 mg/L  
NOEC - Fish - 21d  
Result: 5.9 mg/L  
NOEC - Crustacea - 21d  
Result: 0.51 mg/L

**Persistence and degradability**  
This product is toxic to algae and moderately toxic to fish. This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark.

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### SECTION 13: Disposal considerations

#### Disposal methods

##### Product disposal

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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### SECTION 14: Transport information

#### DOT (US)

Not dangerous goods

#### IMDG

Not dangerous goods

#### IATA

Not dangerous goods

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### SECTION 15: Regulatory information

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

##### Massachusetts Toxic Use Reduction Act (TURA) list

Chemical name: 2,4-D 2-ethylhexyl ester

CAS number: 1928-43-4

TRI listing: X-reportable; CERCLA listing: unlisted; TURA-only listing: no; de minimis concentration threshold: 0.1%.

Qualifiers/definitions: This chemical is an OSHA Carcinogen, the 0.1% de minimis threshold applies. Changes:

Added to TURA and TRI RY1995

##### New Jersey Right To Know Components

Common name: 2,4-D-2-ethylhexyl ester

CAS number: 1928-43-4

##### Massachusetts Toxic Use Reduction Act (TURA) list

Chemical name: 3,6-Dichloro-2-methoxybenzoic acid

CAS number: 1918-00-9

TRI listing: X-reportable; CERCLA listing: X-reportable; TURA-only listing: no; de minimis concentration threshold: 1 percent. Changes: CERCLA chemical added RY1992. Added to TRI RY1995

##### New Jersey Right To Know Components

Common name: Dicamba

CAS number: 1918-00-9

##### Pennsylvania Right To Know Components

Chemical name: Benzoic acid, 3,6-dichloro-2-methoxy-

CAS number: 1918-00-9

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Listing note: E-environmental hazard.

### Massachusetts Right To Know Components (105 CMR 670)

Chemical name: Dicamba

CAS number: 1918-00-9

Asterisk: no; Refs: F8

### Minnesota Chemicals of High Concern (Minn. Stat. 116.9401)

Chemical name: Dicamba

CAS number: 1918-00-9

Hlth: development

### Water hazard class (WGK, Germany)

Chemical name: Mecoprop-p [1] and its salts, cas number: 16484-77-8

WGK hazard class: WGK 3 - Extremely hazardous to water

### Massachusetts Toxic Use Reduction Act (TURA) list

Chemical name: Ammonium sulfate solution

CAS number: 7783-20-2

TRI listing: unlisted; CERCLA listing: C-reportable as a chemical category; TURA-only listing: no; de minimis concentration threshold: 1 percent. Qualifiers/definitions: Report as part of Ammonia CAS 7664417. Do not report as an individual chemical. Changes: Delisted from TRI and TURA as an individual chemical of RY1994 but ammonia portions still reportable under ammonia

### Pennsylvania Right To Know Components

Chemical name: Sulfuric acid diammonium salt

CAS number: 7783-20-2

Listing note: E-environmental hazard.

### US EPA TSCA public inventory

Chemical name: Sulfuric acid ammonium salt (1:2)

CAS number: 7783-20-2

### Massachusetts Right To Know Components (105 CMR 670)

Chemical name: Ammonium sulfate

CAS number: 7783-20-2

Asterisk: no; Refs: 5 F9

### Water hazard class (WGK, Germany)

Chemical name: Ammonium sulfate, cas number: 7783-20-2

WGK hazard class: WGK 1 - Slightly hazardous to water

### US EPA TSCA public inventory

Chemical name: Urea

CAS number: 57-13-6

### Water hazard class (WGK, Germany)

Chemical name: Urea, cas number: 57-13-6

WGK hazard class: WGK 1 - Slightly hazardous to water

### US EPA TSCA public inventory

Chemical name: Urea

CAS number: 57-13-6

### Water hazard class (WGK, Germany)

Chemical name: Xcu coated urea, cas number: 57-13-6

WGK hazard class: WGK 1 - Slightly hazardous to water

### HMIS Rating

Ferti-lome® Weed Free Zone Plus Lawn Fertilizer	
HEALTH	2
FLAMMABILITY	1

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## Ferti-lome® Weed Free Zone Plus Lawn Fertilizer

PHYSICAL HAZARD
PERSONAL PROTECTION

### NFPA Rating



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## SECTION 16: Other information

### Further information/disclaimer

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