



**VOLUNTARY PURCHASING GROUPS, INC.**

## **Safety Data Sheet Ferti-lome Weed-Out Plus Lawn Fertilizer**

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### **SECTION 1: Identification**

#### **GHS Product identifier**

Product name	Ferti-lome Weed-Out Plus Lawn Fertilizer
Product number	10921; 10923
Brand	Ferti-lome

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

EPA Reg. No. 2217-603-7401

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

No information available.

#### **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**

#### **General hazard statement**

Harmful if swallowed. Harmful in contact with skin. May cause an allergic skin reaction.

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

#### **GHS classification in accordance with: OSHA (29 CFR 1910.1200, 2012)**

- Acute toxicity, dermal, Cat. 4
- Acute toxicity, oral, Cat. 4
- Sensitization, skin, Cat. 1

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

#### **Pictograms**



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### Signal word

### Warning

### Hazard statement(s)

H302  
H312  
H317

Harmful if swallowed  
Harmful in contact with skin  
May cause an allergic skin reaction

### Precautionary statement(s)

P261  
P264  
P270  
P272  
P280  
P301+P312  
P302+P352  
P312  
P321  
P330  
P333+P313  
P362+P364  
P363  
P501  
P102  
P103

Avoid breathing dust/fume/gas/mist/vapors/spray.  
Wash ... thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Contaminated work clothing must not be allowed out of the workplace.  
Wear protective gloves/protective clothing.  
IF SWALLOWED: Call a POISON CENTER /doctor/...if you feel unwell,  
IF ON SKIN: Wash with plenty of water/...  
Call a POISON CENTER/doctor/.../ if you feel unwell.  
Specific treatment (see ... on this label).  
Rinse mouth.  
If skin irritation or rash occurs: Get medical advice/attention.  
Take off contaminated clothing and wash it before reuse.  
Wash contaminated clothing before reuse.  
Dispose of contents/container to ...  
Keep out of reach of children.  
Read label before use.

## SECTION 3: Composition/information on ingredients

### Mixtures

#### Hazardous components

Component	Concentration
<b>Mcpp-p, dma salt (CAS no.: 66423-09-4)</b>	<b>0.29 %</b>
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
<b>Dma 4 (dow) 49 percent 2,4- d, dimethylamine salt (CAS no.: 2008-39-1)</b>	<b>0.17 %</b>
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
<b>Dimethylamine dicamba (CAS no.: 2300-66-5; EC no.: 218-951-7; Index no.: 607-044-00-5)</b>	<b>0.07 %</b>
CLASSIFICATIONS: Eye damage/irritation, Cat. 2A; Hazardous to the aquatic environment, long-term (chronic), Cat. 3. HAZARDS: H319 - Causes serious eye irritation; H412 - Harmful to aquatic life with long lasting effects.	

## SECTION 4: First-aid measures

### Description of necessary first-aid measures

General advice	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). If symptoms persist, call a physician.
If inhaled	Remove to fresh air.
In case of skin contact	Take off contaminated clothing. Wash off immediately with plenty of water for at least 15 minutes. Call a poison control center or doctor for treatment advice.
In case of eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control

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center or doctor for treatment advice.

If swallowed

Call a physician immediately. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting.

Personal protective equipment for first-aid responders

Use personal protective equipment as required.

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

No information available.

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

May cause sensitization of susceptible persons. Treat symptomatically.

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## SECTION 5: Fire-fighting measures

### Suitable extinguishing media

Foam. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Water spray (fog).

### Specific hazards arising from the chemical

In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact.

Thermal

decomposition can lead to release of irritating and toxic gases and vapors.

Explosion data:

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

### Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas.

### Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

### Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so.

Use personal protective equipment as required. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically, placing in appropriate containers for disposal. Avoid creating dust. Clean contaminated surface thoroughly.

### Reference to other sections

See Section 12 for additional ecological information.

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## SECTION 7: Handling and storage

### Precautions for safe handling

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Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

Keep/store only in original container. Keep locked up and out of reach of children.

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## SECTION 8: Exposure controls/personal protection

### Control parameters

#### 1. Dma 4 (dow) 49 percent 2,4- d, dimethylamine salt (CAS: 2008-39-1)

TWA (Inhalation): 10 mg/m<sup>3</sup> (ACGIH)

TWA (Inhalation): 10 mg/m<sup>3</sup> (ACGIH)

TWA (Inhalation): 10 mg/m<sup>3</sup> (NIOSH)

TWA (Inhalation): 10 mg/m<sup>3</sup> (NIOSH)

### Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

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

#### Eye/face protection

Wear safety glasses with side shields (or goggles).

#### Skin protection

Wear protective gloves and protective clothing.

#### Body protection

Wear protective gloves and protective clothing.

#### Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

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## SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)	Granules
Odor	Odorless
Odor threshold	No information available
pH	Not Applicable
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	No information available
Solubility(ies)	No information available
Partition coefficient: n-octanol/water	No information available
Auto-ignition temperature	No information available
Decomposition temperature	No information available

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Viscosity

No information available

### Additional properties

Physical state

Solid

Color

No information available

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## SECTION 10: Stability and reactivity

### Reactivity

No data available

### Chemical stability

Stable.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to avoid

None known.

### Incompatible materials

None known.

### Hazardous decomposition products

May emit toxic fumes under fire conditions. Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>).

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Dimethylamine dicamba

LD50 Oral - Rat - 2629 mg/kg

LD50 Skin - Rabbit - 2 g/kg

DMA 4 (DOW) 49 PERCENT 2,4- D, DIMETHYLAMINE SALT

LD50 Oral - Rat - 625 mg/kg

LD50 Skin - Rabbit - 2115 mg/kg

IARC carcinogen

Result: Group 2B

MCPPP-P, DMA salt

IARC carcinogen

Result: Group 2B

#### Skin corrosion/irritation

Moderate skin irritation.

#### Serious eye damage/irritation

Mild eye irritation.

#### Respiratory or skin sensitization

Irritant, moderate respiratory.

#### Germ cell mutagenicity

Germ cell mutagenicity N

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### **Carcinogenicity**

The International Agency for Research on Cancer (IARC) lists chlorophenoxy herbicides in its Group 2B (limited evidence for Carcinogenicity in humans.) The US EPA has given the chlorophenoxy Herbicides 2,4-D, 2,4-DP, MCPP, and MCPA a Class D classification (not classifiable as to human carcinogenicity.) More current 2,4-D lifetime feeding studies in rats and mice did not show carcinogenic effects and a recent World Health Organization (WHO) review of 2,4-D toxicology has concluded that 2,4-D is not a carcinogen. The table below indicates whether each agency has listed any ingredient as a carcinogen.

### **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**

100% of the mixture consists of component(s) of unknown hazards to the aquatic environment

### **Persistence and degradability**

No information available.

### **Bioaccumulative potential**

No information available.

### **Other adverse effects**

No information available.

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## **SECTION 13: Disposal considerations**

### **Disposal methods**

#### **Product disposal**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Packaging disposal**

Do not reuse container, unless specified by the manufacturer.

#### **Waste treatment**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

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## **SECTION 14: Transport information**

### **DOT (US)**

Not dangerous goods

### **IMDG**

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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

#### Water hazard class (WGK, Germany)

Chemical name: Dma 4 (dow) 49 percent 2,4- d, dimethylamine salt, cas number: 2008-39-1

WGK hazard class: WGK 2 - Hazardous to water

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

Chemical name: Dimethylamine dicamba

CAS number: 2300-66-5

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

#### New Jersey Right To Know Components

Common name: Dimethylamine dicamba

CAS number: 2300-66-5

#### China Inventory of Existing Chemical Substances (IECSC)

Product name: Ferti-lome Weed-Out Plus Lawn Fertilizer

#### European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances (EINECS/ELINCS)

Product name: Ferti-lome Weed-Out Plus Lawn Fertilizer

#### Japanese Existing and New Chemical Substances (ENCS)

Product name: Ferti-lome Weed-Out Plus Lawn Fertilizer

#### Philippine Inventory of Chemicals and Chemical Substances (PICCS)

Product name: Ferti-lome Weed-Out Plus Lawn Fertilizer

#### Australian Inventory of Chemical Substances (AICS)

Product name: Ferti-lome Weed-Out Plus Lawn Fertilizer

#### SARA 313 Components

Product name: Ferti-lome Weed-Out Plus Lawn Fertilizer

#### SARA 311/312 Hazards

Product name: Ferti-lome Weed-Out Plus Lawn Fertilizer

#### Comprehensive Environmental Response Compensation and Liability Act (CERCLA)(401 CFR 302)

Product name: Ferti-lome Weed-Out Plus Lawn Fertilizer

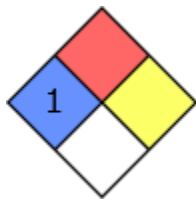
### HMIS Rating

Ferti-lome Weed-Out Plus Lawn Fertilizer	
HEALTH	1
FLAMMABILITY	
PHYSICAL HAZARD	
PERSONAL PROTECTION	X

### NFPA Rating

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### 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.