



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet Ferti-lome Weed-Out Lawn Weed Killer

SECTION 1: Identification

GHS Product identifier

Product name	Ferti-lome Weed-Out Lawn Weed Killer
Product number	10513; 10513Q
Brand	Ferti-lome

Other means of identification

EPA Reg. No. 2217-695-7401

Recommended use of the chemical and restrictions on use

Herbicide.

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

SECTION 2: Hazard identification

General hazard statement

Causes serious eye irritation. May cause an allergic skin reaction.
Flammable liquid and vapor.

Classification of the substance or mixture

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

- Eye damage/irritation, Cat. 2A
- Sensitization, skin, Cat. 1
- Flammable liquids, Cat. 3

GHS label elements, including precautionary statements

Pictograms

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Signal word

Warning

Hazard statement(s)

H319
H317
H226

Causes serious eye irritation
May cause an allergic skin reaction
Flammable liquid and vapor

Precautionary statement(s)

P264
P280
P305+P351+P338

P337+P313
P261
P272
P302+P352
P333+P313
P321
P363
P501
P210
P233
P240
P241
P242
P243
P303+P361+P353

P370+P378
P403+P235

Wash ... thoroughly after handling.
Wear eye protection/face protection/protective gloves.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Contaminated work clothing must not be allowed out of the workplace.
IF ON SKIN: Wash with plenty of water/...
If skin irritation or rash occurs: Get medical advice/attention.
Specific treatment (see ... on this label).
Wash contaminated clothing before reuse.
Dispose of contents/container to ...
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/.../ equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
IF ON SKIN (or hair): Take off immediately all contaminated clothing.
Rinse skin with water/shower.
In case of fire: Use ... to extinguish.
Store in a well-ventilated place. Keep cool.

Other hazards which do not result in classification

Hazards not otherwise classified (HNOC)

Have the product label with you when calling a poison control center or doctor or going in for treatment. You may also contact

1-877-800-5556 for emergency medical treatment advice.

The low flash point of this product is due to a minor component in the mixture. Based on independent laboratory testing of similar

products, this product would not sustain combustion as specified in DOT Regulation 49 CFR 173 Appendix H; however OSHA HCS

2012 flammable classifications are solely based on tested mixture flash points and boiling points.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

Component	Concentration
Mcpp-p, dma salt (CAS no.: 66423-09-4)	3.33 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Dma 4 (dow) 49 percent 2,4- d, dimethylamine salt (CAS no.: 2008-39-1)	1.91 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Dimethylamine dicamba (CAS no.: 2300-66-5; EC no.: 218-951-7; Index no.: 607-044-00-5)	0.81 %

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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 inhaled	Remove to fresh air. If symptoms persist, call a physician.
In case of skin contact	Wash off immediately with plenty of water. Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
In case of eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
If swallowed	Do NOT induce vomiting. Drink plenty of water. Rinse mouth. If symptoms persist, call a physician.

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.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Use. Foam. Carbon dioxide (CO₂). 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.

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.

Further information

Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge: None

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required.

Environmental precautions

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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. Pick up and transfer to properly labeled containers. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)

Reference to other sections

See Section 12 for additional ecological information.

SECTION 7: Handling and storage

Precautions for safe handling

Ensure adequate ventilation, especially in confined areas. Take precautionary measures against static discharges.

Conditions for safe storage, including any incompatibilities

Keep in properly labeled containers. Keep containers tightly closed in a cool, well-ventilated place.

Incompatible materials: Acids.

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/m³ (ACGIH)

TWA: 10 mg/m³ (US/OSHA)

IDLH: 10 mg/m³ (NIOSH)

TWA: 10 mg/m³ (NIOSH)

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

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

Eye/face protection

Tight sealing safety goggles.

Skin protection

Wear protective gloves and protective clothing. Wear long-sleeved shirt, long pants, socks and shoes.

Body protection

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

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

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provided in accordance with current local regulations.

SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)	Liquid
Odor	Amines
Odor threshold	No information available.
pH	7.0-8.5
Melting point/freezing point	<35 °F
Initial boiling point and boiling range	212 °F
Flash point	112 °F
Evaporation rate	< 1
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapor pressure	<17 mm Hg @20°C
Vapor density	>1
Relative density	8.45 pounds/gallon
Solubility(ies)	Soluble in water
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	Brown
Oxidizing properties	No information available.

SECTION 10: Stability and reactivity

Reactivity

No data available.

Chemical stability

Stable.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Keep from freezing.

Incompatible materials

Acids.

Hazardous decomposition products

May emit toxic fumes under fire conditions. Carbon monoxide. Carbon dioxide (CO₂). Nitrogen oxides (NO_x).

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Dimethylamine dicamba

LD50 Oral - Rat - 2629 mg/kg

LD50 Skin - Rabbit - 2 g/kg

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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

MCPP-P, DMA salt

IARC carcinogen

Result: Group 2B

Skin corrosion/irritation

No data available.

Serious eye damage/irritation

Minimally irritating.

Respiratory or skin sensitization

No information available

Germ cell mutagenicity

No information available.

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.

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.

Additional information

Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.

SECTION 12: Ecological information

Toxicity

97% 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.

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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. US EPA Waste Number D001.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

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

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

Product name: Ferti-lome Weed-Out Lawn Weed Killer

Japanese Existing and New Chemical Substances (ENCS)

Product name: Ferti-lome Weed-Out Lawn Weed Killer

China Inventory of Existing Chemical Substances (IECSC)

Product name: Ferti-lome Weed-Out Lawn Weed Killer

Philippine Inventory of Chemicals and Chemical Substances (PICCS)

Product name: Ferti-lome Weed-Out Lawn Weed Killer

Australian Inventory of Chemical Substances (AICS)

Product name: Ferti-lome Weed-Out Lawn Weed Killer

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SARA 313 Components

Product name: Ferti-lome Weed-Out Lawn Weed Killer

SARA 311/312 Hazards

Product name: Ferti-lome Weed-Out Lawn Weed Killer

CWA (Clean Water Act)

Product name: Ferti-lome Weed-Out Lawn Weed Killer

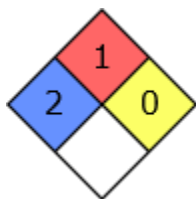
Comprehensive Environmental Response Compensation and Liability Act (CERCLA)(401 CFR 302)

Product name: Ferti-lome Weed-Out Lawn Weed Killer

HMIS Rating

Ferti-lome Weed-Out Lawn Weed Killer	
HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

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.