



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet Ferti-lome Weed-Out Broadleaf Weed Control

SECTION 1: Identification

GHS Product identifier

Product name	Ferti-lome Weed-Out Broadleaf Weed Control
Product number	10925
Brand	Ferti-lome

Other means of identification

EPA Reg. No. 2217-657-7401

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

Classification of the substance or mixture

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

- Acute toxicity, dermal, Cat. 4
- Acute toxicity, oral, Cat. 4
- Eye damage/irritation, Cat. 2A
- Sensitization, skin, Cat. 1

GHS label elements, including precautionary statements

Pictograms



Signal word

Warning

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Hazard statement(s)

H302	Harmful if swallowed
H312	Harmful in contact with skin
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

Precautionary statement(s)

P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear eye protection/face protection/protective gloves/protective clothing.
P301+P312	IF SWALLOWED: Call a POISON CENTER /doctor if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents/container to in accordance with Federal, State and local regulations.

Other hazards which do not result in classification

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

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

Component	Concentration
Dma 4 (dow) 49 percent 2,4- d, dimethylamine salt (CAS no.: 2008-39-1)	1.65 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Mcpp-p, dma salt (CAS no.: 66423-09-4)	0.4 %
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)	0.18 %
CLASSIFICATIONS: Serious eye damage/eye irritation, Cat. 2; 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.	
Biodac® dust free granular carrier	1 - 98 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

SECTION 4: First-aid measures

Description of necessary first-aid measures

If inhaled	Remove to fresh air. If symptoms persist, call a physician.
In case of skin contact	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water.
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.

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If swallowed

Do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person.

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.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

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.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment as required. Avoid contact with eyes and skin.

Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. 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

Methods for containment:

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up:

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. Soak up with inert absorbent material.

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. Use personal protective equipment as required.

Conditions for safe storage, including any incompatibilities

Keep out of the reach of children. Keep container tightly closed. Keep containers tightly closed in a cool, well-ventilated place.

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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/m3 (ACGIH)

TWA (Inhalation): 10 mg/m3 (US/OSHA)

TWA (Inhalation): 10 mg/m3 (NIOSH)

IDLH (Inhalation): 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.

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.

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)	Insoluble 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	Solid
Color	

SECTION 10: Stability and reactivity

Reactivity

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No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

None known.

Incompatible materials

None known.

Hazardous decomposition products

None known.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Dimethylamine dicamba

LD50 Oral - Rat - 2629 mg/kg

Dimethylamine dicamba

LD50 Skin - Rabbit - 2 g/kg

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

LD50 Oral - Rat - 625 mg/kg

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

LD50 Skin - Rabbit - 2115 mg/kg

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

IARC carcinogen

Result: Group 2B

MCPP-P, DMA salt

IARC carcinogen

Result: Group 2B

Skin corrosion/irritation

Moderate skin irritation.

Serious eye damage/irritation

Moderately irritating to the eyes.

Respiratory or skin sensitization

May cause irritation of respiratory tract.

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,

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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.

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

IARC carcinogen

Result: Group 2B

Remarks: IARC (International Agency for Research on Cancer) Group 2B - Possibly Carcinogenic to Humans

MCPP-P, DMA salt

IARC carcinogen

Result: Group 2B

Remarks: IARC (International Agency for Research on Cancer) Group 2B - Possibly Carcinogenic to Humans

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.

SECTION 12: Ecological information

Toxicity

98% of the mixture consists of components(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.

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

US EPA Waste Number U240

SECTION 14: Transport information

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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

Massachusetts Right To Know Components

Chemical name: Dimethylamine dicamba

CAS number: 2300-66-5

New Jersey Right To Know Components

Common name: Dimethylamine dicamba

CAS number: 2300-66-5

Labeling Requirements Under FIFRA

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 workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

CAUTION: Harmful If Swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

Environmental Hazards

This product is toxic to aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

SARA 311/312 Hazards

Acute Health Hazard: Yes

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

Product name: Ferti-lome Weed-Out Broadleaf Weed Control

Japanese Existing and New Chemical Substances (ENCS)

Product name: Ferti-lome Weed-Out Broadleaf Weed Control

China Inventory of Existing Chemical Substances (IECSC)

Product name: Ferti-lome Weed-Out Broadleaf Weed Control

Philippine Inventory of Chemicals and Chemical Substances (PICCS)

Product name: Ferti-lome Weed-Out Broadleaf Weed Control

Australian Inventory of Chemical Substances (AICS)

Product name: Ferti-lome Weed-Out Broadleaf Weed Control

SARA 313 Components

Product name: Ferti-lome Weed-Out Broadleaf Weed Control

CWA (Clean Water Act)

Product name: Ferti-lome Weed-Out Broadleaf Weed Control

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

Product name: Ferti-lome Weed-Out Broadleaf Weed Control

HMIS Rating

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Ferti-lome Weed-Out Broadleaf Weed Control	
HEALTH	2
FLAMMABILITY	0
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.