



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet Ferti-lome Weed Free Zone Ready to Use

SECTION 1: Identification

GHS Product identifier

Product name Ferti-lome Weed Free Zone Ready to Use
Product number 10528; 10528Q; 10532; 13532
Brand Ferti-lome

Other means of identification

EPA Reg. No. 2217-865-7401

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, inhalation, Cat. 4

GHS label elements, including precautionary statements

Pictograms



Signal word

Warning

Hazard statement(s)

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H312 Harmful in contact with skin
 H332 Harmful if inhaled

Precautionary statement(s)

P280 Wear protective gloves/protective clothing.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P312 Call a POISON CENTER/doctor if you feel unwell.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P501 Dispose of contents/container to in accordance with Federal, State and local regulations.
 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.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

| Component | Concentration |
|--|-----------------|
| Mcpa, 2-ethylhexyl ester (CAS no.: 29450-45-1) | 0.337 % |
| CLASSIFICATIONS: No data available. HAZARDS: No data available. | |
| Mecoprop-p [1] and its salts (CAS no.: 16484-77-8; EC no.: 240-539-0; Index no.: 607-434-00-5) | 0.066 % |
| 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. | |
| Dicamba (CAS no.: 1918-00-9; EC no.: 217-635-6; Index no.: 607-043-00-X) | 0.018 % |
| 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. | |
| Carfentrazone-ethyl (iso) (CAS no.: 128639-02-1; EC no.: —; Index no.: 607-309-00-5) | 0.0023 % |
| CLASSIFICATIONS: Hazardous to the aquatic environment, short-term (acute), Cat. 1; Hazardous to the aquatic environment, long-term (chronic), Cat. 1. HAZARDS: H400 - Very toxic to aquatic life; H410 - Very toxic to aquatic life with long lasting effects. | |

SECTION 4: First-aid measures

Description of necessary first-aid measures

General advice If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.

If inhaled Move to fresh air in case of accidental inhalation of vapors or decomposition products. If symptoms persist, call a physician. Call a poison control center or doctor for treatment advice.

In case of skin contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

In case of eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

If swallowed Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician. Do NOT induce vomiting.

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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

Treat symptomatically.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Foam. Carbon dioxide (CO2). Dry chemical. Water spray (fog).

Specific hazards arising from the chemical

No information available.

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

Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment as required.

Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and materials for containment and cleaning up

Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Prevent further leakage or spillage if safe to do so.

Reference to other sections

See Section 12 for additional ecological information.

SECTION 7: Handling and storage

Precautions for safe handling

Avoid contact with skin, eyes or clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Use with local exhaust ventilation. All equipment used when handling the product must be grounded. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

Conditions for safe storage, including any incompatibilities

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

Specific end use(s)

Residential herbicide.

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SECTION 8: Exposure controls/personal protection

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

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

Eye/face protection

Face protection shield. Wear safety glasses with side shields (or goggles). 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.) | Liquid |
| Odor | Solvent |
| Odor threshold | No information available |
| pH | 3.0 - 6.5 |
| Melting point/freezing point | < 35F |
| Initial boiling point and boiling range | 212F |
| Flash point | >212F |
| Evaporation rate | No information available |
| Flammability (solid, gas) | No information available |
| Upper/lower flammability or explosive limits | No information available |
| Vapor pressure | <17 mm Hg |
| Vapor density | >1 |
| Relative density | 8.33 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

| | |
|-------|-------|
| Color | Amber |
|-------|-------|

SECTION 10: Stability and reactivity

Reactivity

No data available

Chemical stability

Stable under normal conditions

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Keep from freezing.

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Incompatible materials

None known.

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

3,6-Dichloro-o-anisic acid (Dicamba)

LD50 Oral - Rat - 1039 mg/kg

LD50 Skin - Rabbit - 2 g/kg

LD50 Skin - Rat - 1 g/kg

R(+)-2-(2-Methyl-4-chlorophenoxy)propionic acid (MCP)

LD50 Oral - Rat - 1050 mg/kg

LD50 Skin - Rat - 4 g/kg

IARC carcinogen

Result: Group 2B

MCPA EH Ester

LD50 Oral - Rat - 1300 mg/kg

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, MCP, 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. This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group 1), probably carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B).

Reproductive toxicity

No information available.

Specific target organ toxicity (STOT) - single exposure

No information available.

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Specific target organ toxicity (STOT) - repeated exposure

No information available.

Aspiration hazard

No information available.

Additional information

0% of the mixture consists of ingredient(s) of unknown toxicity

SECTION 12: Ecological information

Toxicity

Very toxic to aquatic life with long lasting effects

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

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

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

Massachusetts Right To Know Components

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

CAS number: 1918-00-9

New Jersey Right To Know Components

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Common name: Dicamba
CAS number: 1918-00-9

Pennsylvania Right To Know Components

Chemical name: Benzoic acid, 3,6-dichloro-2methoxy-benzol diluent
CAS number: 1918-00-9

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

Product name: Ferti-lome Weed Free Zone Ready to Use

China Inventory of Existing Chemical Substances (IECSC)

Product name: Ferti-lome Weed Free Zone Ready to Use

Japanese Existing and New Chemical Substances (ENCS)

Product name: Ferti-lome Weed Free Zone Ready to Use

Korean Existing Chemicals List (KECL)

Product name: Ferti-lome Weed Free Zone Ready to Use

Philippine Inventory of Chemicals and Chemical Substances (PICCS)

Product name: Ferti-lome Weed Free Zone Ready to Use

Australian Inventory of Chemical Substances (AICS)

Product name: Ferti-lome Weed Free Zone Ready to Use

SARA 313 Components

Product name: Ferti-lome Weed Free Zone Ready to Use

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

Product name: Ferti-lome Weed Free Zone Ready to Use

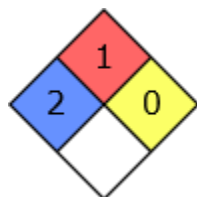
CWA (Clean Water Act)

Product name: Ferti-lome Weed Free Zone Ready to Use

HMIS Rating

| Ferti-lome Weed Free Zone Ready to Use | |
|--|---|
| HEALTH | 2 |
| FLAMMABILITY | 1 |
| PHYSICAL HAZARD | 0 |
| PERSONAL PROTECTION | X |

NFPA Rating



SECTION 16: Other information

Further information/disclaimer

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