



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet

Ferti-lome® Weed Out® Pro Turf 25-0-4

SECTION 1: Identification

Product identifier

Product name Ferti-lome® Weed Out® Pro Turf 25-0-4

Product number 10927 10928

Other means of identification

EPA# 2217-913-7401

Supplier's details

Name Voluntary Purchasing Groups, Inc.
Address 230 FM 87
Bonham, TX 75418
USA

Telephone 855-270-4776

Emergency phone number(s)

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

- Acute toxicity, inhalation (chapter 3.1), Cat. 4
- Acute toxicity, oral (chapter 3.1), Cat. 4
- Skin corrosion/irritation (chapter 3.2), Cat. 2

GHS label elements, including precautionary statements

Pictogram



Hazard statement(s)

H332 Harmful if inhaled
H302 Harmful if swallowed
H312 Harmful in contact with skin
H313 May be harmful in contact with skin
H315 Causes skin irritation

Safety Data Sheet
Ferti-lome® Weed Out® Pro Turf 25-0-4

Precautionary statement(s)

P261	Avoid breathing dust/fume/gas/mist/vapours/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.
P102	Keep out of reach of children.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash ... thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P363	Wash contaminated clothing before reuse.
P310	Immediately call a POISON CENTER/doctor/...
P321	Specific treatment (see ... on this label).
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P405	Store locked up.
P501	Dispose of contents/container to ...
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.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P362+P364	Take off contaminated clothing and wash it before reuse.
P332+P313	If skin irritation occurs: Get medical advice/attention.

SECTION 3: Composition/information on ingredients

Substances

Hazardous components

Component	Concentration
2,4-D 2-ethylhexyl ester (CAS no.: 1928-43-4)	Not specified
mecoprop-P [1] and its salts (CAS no.: 16484-77-8; EC no.: 240-539-0; Index no.: 607-434-00-5)	Not specified
Dicamba (CAS no.: 1918-00-9; EC no.: 217-635-6; Index no.: 607-043-00-X)	Not specified
Dithiopyr (CAS no.: 97886-45-8)	Not specified
Calcium carbonate (Natural) (CAS no.: 1317-65-3)	Not specified
Silica, crystalline (airborne particles of respirable size) (CAS no.: 14808-60-7)	Not specified
Ammonium Sulfate (CAS no.: 7783-20-2)	Not specified
VPG Potash (Index no.: 800170)	Not specified
UREA (CAS no.: 57-13-6; Index no.: 800180)	Not specified
XCU Coated Urea (CAS no.: 57-13-6)	Not specified
VPG MicroMix (Index no.: 800620)	Not specified
New component	Not specified

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.
----------------	---

Safety Data Sheet

Ferti-lome® Weed Out® Pro Turf 25-0-4

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.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Water, foam, dry chemical or CO2

Specific hazards arising from the chemical

Forms nitrogen oxides, sulphurous oxides and hydrogen chloride gas upon burning.

Special protective actions for fire-fighters

Utilize self-contained breathing apparatus with full face piece operated in pressure demand or other positive mode. Avoid inhalation of fumes and dusts. Wear chemical-resistant gear.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

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.

Environmental precautions

Avoid the generation of dusts. Prevent release to sewers or waterways in accordance with all applicable federal, state, and local environmental regulations.

Methods and materials for containment and cleaning up

Sweep up, vacuum the material and transfer to the original container, or to a sealed, labeled container. Residue may be washed away with water. Dispose of in accordance with Federal, State, and local regulations.

SECTION 7: Handling and storage

Conditions for safe storage, including any incompatibilities

Safety Data Sheet

Ferti-lome® Weed Out® Pro Turf 25-0-4

Store in a cool, dry, well ventilated area in tightly closed containers. Avoid breathing mists or vapors. Avoid direct contact with eyes and skin. Wash thoroughly after handling. Do not eat, drink, or smoke in the work area.

SECTION 8: Exposure controls/personal protection

Control parameters

CAS: 1317-65-3

Calcium Carbonate

Cal/OSHA: see PNOR PEL inhalation

Calcium Carbonate, Respirable fraction

Cal/OSHA: 5 mg/m³ PEL inhalation; NIOSH: 5 mg/m³ REL inhalation; OSHA: 5 mg/m³ PEL inhalation

Calcium Carbonate, Total dust

Cal/OSHA: 10 mg/m³ PEL inhalation; NIOSH: 10 mg/m³ REL inhalation; OSHA: 15 mg/m³ PEL inhalation

Limestone

Cal/OSHA: see PNOR PEL inhalation

Limestone, Respirable fraction

Cal/OSHA: 5 mg/m³ PEL inhalation; NIOSH: 5 mg/m³ REL inhalation; OSHA: 5 mg/m³ PEL inhalation

Limestone, Total dust

Cal/OSHA: 10 mg/m³ PEL inhalation; NIOSH: 10 mg/m³ REL inhalation; OSHA: 15 mg/m³ PEL inhalation

Marble

Cal/OSHA: See PNOR PEL inhalation

Marble, Respirable fraction

Cal/OSHA: 5 mg/m³ PEL inhalation; NIOSH: 5 mg/m³ REL inhalation; OSHA: 5 mg/m³ PEL inhalation

Marble, Total dust

Cal/OSHA: 10 mg/m³ PEL inhalation; NIOSH: 10 mg/m³ REL inhalation; OSHA: 15 mg/m³ PEL inhalation

CAS: 14808-60-7

Silica, crystalline quartz, respirable dust

Cal/OSHA: See Annotated Z-3 PEL inhalation; NIOSH: See Annotated Z-3 REL inhalation; OSHA: See Annotated Z-3 ppm PEL inhalation; See Annotated Z-3 mg/m³ PEL inhalation

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)

Eye/face protection

Safety glasses or goggles (ANSI Z87.1 1979)

Skin protection

PVC or Neoprene gloves

Body protection

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.

Respiratory protection

NIOSH/MSHA approved for protection against toxic dusts.

Thermal hazards

SECTION 9: Physical and chemical properties

Safety Data Sheet

Ferti-lome® Weed Out® Pro Turf 25-0-4

Information on basic physical and chemical properties

Appearance/form	Multi-color mix granules
Odor	Slight Solvent like odor
Odor threshold	
pH	4.15
Melting point/freezing point	
Initial boiling point and boiling range	
Flash point	
Evaporation rate	NI
Flammability (solid, gas)	
Upper/lower flammability limits	
Vapor pressure	NI
Vapor density	NI
Relative density	
Solubility(ies)	Insoluble
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

Other safety information

SECTION 10: Stability and reactivity

Chemical stability

Stable

Possibility of hazardous reactions

Hazardous Polymerization:
Will not occur.

Hazardous decomposition products

If burned, nitrogen oxides, sulfurous oxides and hydrogen chloride gas may be formed.

SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation

Prolonged or repeated skin contact may cause irritation. May cause skin sensitization, an allergic reaction, which becomes evident on re-exposure to this material.

Serious eye damage/irritation

Mildly irritating to the eyes. Degree of injury will depend on the amount of material that gets into the eye and the speed and thoroughness of the first aid treatment.

Respiratory or skin sensitization

Inhalation of high concentrations may result in upper respiratory tract irritation. Ingestion of large quantities may cause symptoms of non-specific irritation of the gastrointestinal tract; nausea, vomiting, cramps, and diarrhea. Chronic Overexposure: Inhalation of dust may permanently damage the lungs and results in the development of pneumoconiosis, silicosis, or other respiratory disorders

Safety Data Sheet
Ferti-lome® Weed Out® Pro Turf 25-0-4

SECTION 12: Ecological information

Toxicity

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants.

SECTION 13: Disposal considerations

Disposal of the product

If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

SECTION 14: Transport information

DOT (US)

UN Number:
Not regulated

IMDG

UN Number:
Not regulated

IATA

UN Number:
Not regulated

SECTION 15: Regulatory information

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

Massachusetts Right To Know Components

Chemical name: 2,4-D 2-ethylhexyl ester
CAS number: 1928-43-4

New Jersey Right To Know Components

Common name: 2,4-D-2-ETHYLHEXYL ESTER
CAS number: 1928-43-4

Massachusetts Right To Know Components

Chemical name: 3,6-Dichloro-2-methoxybenzoic acid
CAS number: 1918-00-9

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-benzol diluent
CAS number: 1918-00-9

New Jersey Right To Know Components

Common name: CALCIUM CARBONATE

Safety Data Sheet

Ferti-lome® Weed Out® Pro Turf 25-0-4

CAS number: 1317-65-3

Pennsylvania Right To Know Components

Chemical name: Limestone

CAS number: 1317-65-3

New Jersey Right To Know Components

Common name: SILICA, QUARTZ

CAS number: 14808-60-7

Pennsylvania Right To Know Components

Chemical name: Quartz

CAS number: 14808-60-7

California Prop. 65 components

Chemical name: Silica, crystalline (airborne particles of respirable size)

CAS number: 14808-60-7

10/01/1988 - cancer

Pennsylvania Right To Know Components

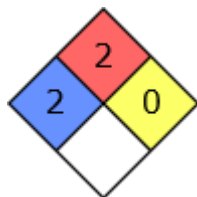
Chemical name: Sulfuric acid diammonium salt

CAS number: 7783-20-2

HMIS Rating

Ferti-lome® Weed Out® Pro Turf 25-0-4	
HEALTH	2
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

NFPA Rating



SECTION 16: Other information

Voluntary Purchasing Groups, Inc. urges each customer or recipient of this (M)SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this (M)SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.