VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet
ferti•lome® Dipel Dust Biological Insecticide

SECTION 1: Identification

Product identifier

Product name	ferti•lome® Dipel Dust Biological Insecticide
Product number	13859, 10586, 10859

Other means of identification
EPA# 7401-290

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 or 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 label elements, including precautionary statements

Precautionary statement(s)

P102	Keep out of reach of children.

SECTION 3: Composition/information on ingredients

Substances

Hazardous components

Component	Concentration

Bacillus thuringiensis subsp. kurstaki strain ABTS-351Fermentation solids, spores and insecticidal toxins (CAS no.: 68038-71-1)	**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.
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
Dispersion of fine dust in air may form explosive mixture.

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.

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

Precautions for safe handling
Keep out of reach of children and animals. Keep out of water sources, including irrigation water.

Conditions for safe storage, including any incompatibilities
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

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.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Gray Powder
Odor	Sweet Characteristic
Odor threshold	
pH	
Melting point/freezing point	
Initial boiling point and boiling range	Does not apply
Flash point	Does not apply

Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Vapor pressure	Does not apply
Vapor density	
Relative density	
Solubility(ies)	
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	Dispersion of fine dust in air may form explosive mixture.
Oxidizing properties	

Other safety information
Will not evolve flammable or toxic gases.

SPECIFIC GRAVITY (H2O=1)
.08-1.0

SECTION 10: Stability and reactivity

Reactivity
Polymerization will not occur.

Chemical stability
Stable

Possibility of hazardous reactions
Not determined

Conditions to avoid
Alkalinity inactivates product.

SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation
Contact with the skin may result in mild irritation.
Repeated exposure - Dermatitis or other skin disorders.

Serious eye damage/irritation
Eye contact may be moderately irritating.

STOT-repeated exposure
Inhalation of talc dust may permanently damage the lungs and result in the development of pneumoconiosis, silicosis, or other respiratory disorder.

SECTION 12: Ecological information

Toxicity
Keep out of water sources, including irrigation water.

Prevent spillage from directly entering ground or navigable waters.
Dispose of in accordance with Federal, State, and local regulations.

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)
Not Regulated

IMDG
Not Regulated

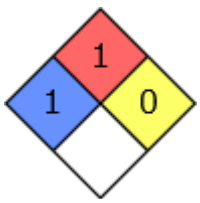
IATA
Not Regulated

SECTION 15: Regulatory information

HMIS Rating

Ferti-lome® Dipel Dust Biological Insecticide	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

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.