

Material Safety Data Sheet	ferti-lome® Dipel® Dust
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SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Name: Voluntary Purchasing Groups, Inc.	Box 460, Bonham, TX 75418
Emergency Telephone: (903) 583-5501 or (800) 424-9300 (Chemtrec)	
For Additional Information Contact: Product Manager or Chemtrec	Date Prepared: January 6, 2004
Common Name (Used on Label): ferti-lome® Dipel® Dust	Chemical Family: Biological Insecticide
Chemical Name: Does not apply	Formula: Mixture of Dipel and talc
Trade Name & Synonyms: ferti-lome® Dipel® Dust EPA # 7401-290	

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS NUMBER	% (TYPICAL)	TLV (UNITS)	PEL (UNITS)
Dipel	Not determined	Proprietary	Not determined	Not determined
Talc	14807-96-6	Proprietary	2 mg/m3*	2 mg/m3*
Bicillus Thuringiensis Berliner	68038-71-1	Proprietary	Not established	Not established

* Respirable dust containing no asbestos

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration.

TLV: Threshold Limit Value recommended by the American Conference of Governmental Industrial Hygienists.

SECTION 3 - PHYSICAL DATA

BOILING POINT (°F) Does not apply	SPECIFIC GRAVITY (H ₂ O=1) .08-1.0	VAPOR PRESSURE (mm Hg) Does not apply
PERCENT VOLATILE BY VOLUME (%) Not determined	VAPOR DENSITY (AIR=1) Not determined	EVAPORATION RATE (ethyl ether=1) Not determined
SOLUBILITY IN WATER Not determined	REACTIVITY IN WATER Will not evolve flammable or toxic gases.	
APPEARANCE AND ODOR Gray powder. Sweet characteristic odor.		

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT (°F) Does not apply	FLAMMABLE LIMITS IN AIR (% by volume) Lower: <u>Does not apply</u> Upper: <u>Does not apply</u>	
EXTINGUISHING MEDIA Use appropriate for combustibles involved in fire.	AUTO IGNITION TEMPERATURE Not determined	
UNUSUAL FIRE AND EXPLOSION HAZARDS Dispersion of fine dust in air may form explosive mixture.		
SPECIAL FIRE FIGHTING PROCEDURES Utilize protective clothing and self-contained breathing apparatus.		

SECTION 5 - HEALTH INFORMATION

PRIMARY ROUTES OF EXPOSURE AND TARGET ORGANS Inhalation, Eye Contact, Skin Contact		
SIGNS AND SYMPTOMS OF EXPOSURE		
(1) ACUTE OVEREXPOSURE Contact with the skin may result in mild irritation. Eye contact may be moderately irritating.		
(2) CHRONIC OVEREXPOSURE Inhalation of talc dust may permanently damage the lungs and result in the development of pneumoconiosis, silicosis, or other respiratory disorder.		
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE Dermatitis or other skin disorders.		
CHEMICAL/COMPONENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN None		
NTP <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	IARC <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	OSHA <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
OTHER EXPOSURE LIMITS TLV (respirable nuisance dusts): 5 mg/m ³ -OSHA. ACGIH TLV (nuisance dust) = 10 mg/m ³ ; OSHA PEL (nuisance dusts) = 15 mg/m ³		
EMERGENCY AND FIRST AID PROCEDURES EYE OR SKIN CONTACT: Remove contaminated clothing and flush affected area with plenty of soap and water for at least 15 minutes and get medical attention. Flush eyes with copious amounts of water and seek medical attention if irritation persists. INHALATION: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.		

SECTION 6 - REACTIVITY DATA

STABILITY <input type="checkbox"/> Unstable <input checked="" type="checkbox"/> Stable	CONDITIONS TO AVOID Does not apply
INCOMPATIBILITY (Materials to Avoid) Alkalinity inactivates product.	
HAZARDOUS DECOMPOSITION PRODUCTS Not determined	
HAZARDOUS POLYMERIZATION <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not occur	CONDITIONS TO AVOID Does not apply

SECTION 7 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED Cover with sweeping compound and sweep-up with as little dusting as possible. Put sweeping in a waste receptacle. Flush area with water. Prevent spillage from directly entering ground or navigable waters. Clean up of spill may require personal protective equipment to prevent inhalation and eye or skin contact. See Section 8.
WASTE DISPOSAL METHOD Dispose of in accordance with Federal, State, and local regulations.

SECTION 8 - PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

NIOISH/MSHA approved for protection against toxic dusts.

VENTILATION

General or local exhaust to maintain exposure below TLV/PEL.

PROTECTIVE GLOVES

Rubber

EYE PROTECTION

Chemical splash goggles (ANSI Z87.7 1979)

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Aprons, boots, long sleeved shirt and full-length pants (or overalls) should be worn to prevent skin contact. Eye wash and shower facilities should be available.

SECTION 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING

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.

OTHER PRECAUTIONS

Keep out of reach of children and animals. Keep out of water sources, including irrigation water.

SECTION 10 - OTHER INFORMATION

The information contained within was obtained from authoritative sources and is believed to be accurate for the manner in which the product is intended to be used. Other uses could result in ramifications, which are not included within this document.