

VectoLex WSP

ISSUED 04-10-01

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**MATERIAL NAME:** VectoLex WSP

VectoLex CG

VectoLex G

EPA Registration No. 73049-20

Drug Code: 16025

List Number: 5722

MANUFACTURER: Valent BioSciences Corporation

870 Technology Way, Suite 100

Libertyville, Illinois 60048

EMERGENCY TELEPHONE NUMBERS**Emergency Health or Spill:**

Outside the United States: 1-651-632-6184

Within the United States: 1-877-315-9819

2. COMPOSITION/INFORMATION ON INGREDIENTS**INGREDIENT NAME:** Bacillus sphaericus Serotype H-5a5b, strain 2362**CONCENTRATION:** 7.5000 %**CAS/RTECS NUMBERS:** N/A / N/A**OSHA-PEL**

8HR TWA: N/L

STEL: N/L

CEILING: N/L

ACGIH-TLV

8HR TWA: N/L

STEL: N/L

CEILING: N/L

OTHER LIMITS

8HR TWA: N/A

STEL: N/A

CEILING: N/A

INGREDIENT NAME: Inert Ingredients - identity withheld as a Trade Secret**CONCENTRATION:** 92.5000 %**CAS/RTECS NUMBERS:** N/A / N/A**OSHA-PEL**

8HR TWA: N/L

STEL: N/L

CEILING: N/L

ACGIH-TLV

8HR TWA: N/L

STEL: N/L

CEILING: N/L

OTHER LIMITS

8HR TWA: N/A

STEL: N/A

CEILING: N/A

EEC (European Community): N/A**Symbol Designation:** N/A**Risk Phrases:** N/A**Safety Phrases:** N/A**3. HAZARDS INFORMATION****EMERGENCY OVERVIEW:** This material may be a skin and eye irritant.**ROUTE(S) OF ENTRY:**

Skin: N/D

Inhalation: N/D

Ingestion: N/D

INGESTION RATING: N/D**SKIN ABSORPTION RATING:** N/D**INHALATION RATING:** N/D**CORROSIVENESS RATING:** N/D**SKIN CONTACT RATING:** N/D**SKIN SENSITIZATION RATING:** N/D**EYE CONTACT RATING:** N/D**TARGET ORGANS:** N/D**CARCINOGENICITY RATING:**

NTP: N/L

IARC: N/L

OSHA: N/L

ACGIH: N/L

None

SIGNS AND SYMPTOMS: N/D. Data suggest mild skin or eye irritation.**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** N/D. Data suggest pre-existing skin or eye lesions.**4. FIRST AID MEASURES****EYES:** Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.**SKIN:** Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.**INGESTION:** Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.**INHALATION:** Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.**5. FIRE FIGHTING PROCEDURES****FLASH POINT:** N/A**FLASH POINT METHOD:** N/D**LOWER EXPLOSIVE LIMIT(%):** N/D**UPPER EXPLOSIVE LIMIT(%):** N/D**AUTOIGNITION TEMPERATURE:** N/D**FIRE & EXPLOSION HAZARDS:** N/D.**EXTINGUISHING MEDIA:** Use appropriate medium for underlying cause of fire.**FIRE FIGHTING INSTRUCTIONS:** Wear protective clothing and self-contained breathing apparatus.**6. ACCIDENTAL RELEASE MEASURES****SPILL OR RELEASE PROCEDURES:** Recover product. Place into appropriate container for disposal. Avoid dust. Ventilate and wash spill area.**7. HANDLING AND STORAGE****HANDLING:** N/D.**STORAGE:** Store in a cool, dry place.**SPECIAL PRECAUTIONS:** Wash thoroughly with soap and water after handling.**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****ENGINEERING CONTROLS:** Use local exhaust.**RESPIRATORY PROTECTION:** Air purifying respirator with dust/mist filter (N95), if needed.**SKIN PROTECTION:** Impervious.**EYE PROTECTION:** Goggles.**OTHER PROTECTION:** Wear tyvek coveralls during dusty operations.**9. PHYSICAL AND CHEMICAL PROPERTIES****APPEARANCE/PHYSICAL STATE:** Granules**ODOR:** Characteristic odor**BOILING POINT:** N/A**MELTING/FREEZING POINT:** N/A**VAPOR PRESSURE (mm Hg):** N/A**VAPOR DENSITY (Air=1):** N/A**EVAPORATION RATE:** N/D**BULK DENSITY:** N/A**SPECIFIC GRAVITY:** N/D**SOLUBILITY:** Partially suspends/soluble in water**pH:** N/A**VISCOSITY:** N/A**10. STABILITY AND REACTIVITY****CHEMICAL STABILITY:** N/D**INCOMPATIBILITIES:** Alkalinity inactivates product.**HAZARDOUS DECOMPOSITION PRODUCTS:** N/D.**HAZARDOUS POLYMERIZATION:** N/D.**11. TOXICOLOGICAL INFORMATION****ORAL TOXICITY:** N/D. LD50 > 5,000 mg/kg in rats for Bacillus sphaericus Technical Powder.**DERMAL TOXICITY:** N/D. LD50 > 2,000 mg/kg in rabbits for Bacillus sphaericus Technical Powder.**INHALATION TOXICITY:** N/D. Bacillus sphaericus Technical Powder was not lethal in an inhalation study at the maximum attainable concentration of 0.09 mg/L/4 hours.**CORROSIVENESS:** N/D**DERMAL IRRITATION:** Mildly irritating in a skin irritation test in rabbits; two animals with slight redness at 24 hours.**OCULAR IRRITATION:** Mild to moderate redness with mild swelling and slight discharge in an eye irritation test in rabbits.**DERMAL SENSITIZATION:** N/D**SPECIAL TARGET ORGAN EFFECTS:** N/D**CARCINOGENICITY INFORMATION:** N/D**12. ECOLOGICAL INFORMATION****ECOLOGICAL INFORMATION:** N/D**13. DISPOSAL CONSIDERATIONS****WASTE DISPOSAL METHODS:** Dispose of product in accordance with federal, state, and local regulations.**14. TRANSPORTATION INFORMATION****DOT**

STATUS: Not Regulated

PROPER SHIPPING NAME: N/D

HAZARD CLASS: N/D

UN NUMBER: N/D

PACKING GROUP: N/D

REPORTABLE QUANTITY: N/D

IATA/ICAO

STATUS: Not Regulated

PROPER SHIPPING NAME: N/D

HAZARD CLASS: N/D

UN NUMBER: N/D

PACKING GROUP: N/D

REPORTABLE QUANTITY: N/D

IMO

STATUS: Not Regulated

PROPER SHIPPING NAME: N/D

HAZARD CLASS: N/D

UN NUMBER: N/D

PACKING GROUP: N/D

REPORTABLE QUANTITY: N/D

FLASH POINT: N/A

15. REGULATORY INFORMATION**TSCA STATUS:** Exempt**CERCLA STATUS:** N/D**SARA STATUS:** N/D**RCRA STATUS:** N/D**PROP 65 (CA):** N/D**16. OTHER INFORMATION****LEGEND:**

N/A = Not Applicable

N/D = Not Determined

N/L = Not Listed

L = Listed

C = Ceiling

S = Short-term

(R) = Registered Trademark of Valent BioSciences

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APPROVED BY: DCS

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