

ProGibb(R) Plus

ISSUED 06/11/01

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MATERIAL NAME: ProGibb(R) Plus
Gibberellic Acid; Gibberellin A3
Drug Code: 11849
List Number: 5208 * 5822

MANUFACTURER: Valent BioSciences Corporation
870 Technology Way, Suite 100
Libertyville, Illinois 60048

EMERGENCY TELEPHONE NUMBERS

Emergency Health or Spill:

Outside the United States: 651-632-6184

Within the United States: 877-315-9819

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME: Gibberellic Acid
CAS/RTECS NUMBERS: 77-06-3/LY8990000
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 8HR TWA: 10 mg/m3
LIMITS STEL: N/A
CEILING: N/A

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2. COMPOSITION/INFORMATION ON INGREDIENTS, continued

INGREDIENT NAME: Proprietary Ingredients
CAS/RTECS NUMBERS: NA/NA
OSHA-PEL 8HR TWA: 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction)
for one component.
STEL: N/L
CEILING: N/L
ACGIH-TLV 8HR TWA: 2 mg/m³ (respirable fraction) for one component
STEL: N/L
CEILING: N/L
OTHER 8HR TWA: N/A
LIMITS STEL: N/A
CEILING: N/A

EEC (European Community):
Symbol Designation: N/D
Risk Phrases: N/D
Safety Phrases: N/D

3. HAZARDS INFORMATION

EMERGENCY OVERVIEW: This material is 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: Irritant

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3. HAZARDS INFORMATION, continued

TARGET ORGANS: Eyes, respiratory system

CARCINOGENICITY RATING: NTP: N/L IARC: N/L OSHA: N/L

ACGIH: N/L

None

SIGNS AND SYMPTOMS: N/D. Overexposure may cause eye and respiratory irritation. A component in this product has been reported to produce fibrosis in experimental animals and exposed workers.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: N/D. Data suggest pre-existing eye or respiratory disease.

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

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5. FIRE FIGHTING PROCEDURES, continued

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: Keep material dry.

STORAGE: Avoid excessive storage temperatures and direct sunlight.
Store in dry area, keep material dry and container tightly closed.

SPECIAL PRECAUTIONS: Wash hands and face after handling this compound.

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 or full-face respirator.

OTHER PROTECTION: Wear tyvek coveralls during dusty operations.

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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE: Powder

ODOR: N/D

BOILING POINT: N/A

MELTING/FREEZING POINT: N/D

VAPOR PRESSURE (mm Hg): N/A

VAPOR DENSITY (Air=1): N/A

EVAPORATION RATE: N/A

BULK DENSITY: N/A

SPECIFIC GRAVITY: N/D

SOLUBILITY: Insoluble in water and alcohols. A
component, Gibberellic acid, is soluble in
water and alcohols.

pH: N/A

VISCOSITY: N/A

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: N/D

INCOMPATIBILITIES: N/D.

HAZARDOUS DECOMPOSITION PRODUCTS: N/D.

HAZARDOUS POLYMERIZATION: N/D

11. TOXICOLOGICAL INFORMATION
-----ORAL TOXICITY: N/D. LD50 = 1,000-25,000 mg/kg in mice, dogs and rats
for gibberellic acid.DERMAL TOXICITY: N/D. LD50 > 2,000 mg/kg in rabbits for gibberellic
acid.INHALATION TOXICITY: N/D. Gibberellic acid was not lethal in an
inhalation study with rats at 1.7 mg/L/4 hours.

CORROSIVENESS: N/D

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11. TOXICOLOGICAL INFORMATION, continued

DERMAL IRRITATION: N/D. Gibberellic acid not irritating in a skin irritation test in rabbits.

OCULAR IRRITATION: N/D. Moderate to severe conjunctival irritation, reversible in 7 days, was found in eye irritation test in rabbits with gibberellic acid.

DERMAL SENSITIZATION: N/D. A formulation containing gibberellic acid was not considered a sensitizer in a sensitization study in guinea pigs.

SPECIAL TARGET ORGAN EFFECTS: N/D. Gibberellic acid is a plant growth hormone that has been reported to have estrogenic and androgenic activity in animals. In reproduction studies in rats, no maternal or fetal toxicity, or other adverse effects to the fetus were noted following large dosages (1000 mg/kg/day) of gibberellic acid. A component of this product has been reported to produce fibrosis in experimental animals and exposed workers.

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.

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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

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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
(TM) = Registered Trademark of Valent BioSciences

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