

ProGibb Plus 2X

ISSUED 04/09/01

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION  
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MATERIAL NAME: ProGibb(R) Plus 2X  
ABG-3071E  
EPA Registration No. 73049-16  
Drug Code: 11843  
List Number: 11184 \* 5826

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  
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INGREDIENT NAME: Gibberellin A3  
CONCENTRATION: 20.0000 %  
CAS/RTECS NUMBERS: 77-06-5/NA  
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  
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INGREDIENT NAME: Inert Ingredients - identity withheld as a Trade  
Secret  
CONCENTRATION: 80.0000 %  
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  
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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

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3. HAZARDS INFORMATION, continued

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EYE CONTACT RATING: Irritant

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

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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.

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5. FIRE FIGHTING PROCEDURES  
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FLASH POINT: N/A

FLASH POINT METHOD: N/D

LOWER EXPLOSIVE LIMIT(%): N/D

UPPER EXPLOSIVE LIMIT(%): N/D

AUTOIGNITION TEMPERATURE: N/D

FIRE &amp; EXPLOSION HAZARDS: N/D.

EXTINGUISHING MEDIA: Use appropriate medium for underlying causes of fire.

FIRE FIGHTING INSTRUCTIONS: Wear protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES  
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SPILL OR RELEASE PROCEDURES: Recover product. Place into appropriate container for disposal. Avoid dust. Ventilate and wash spill area.

7. HANDLING AND STORAGE  
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HANDLING: N/D.

STORAGE: Keep containers tightly closed when not in use.

SPECIAL PRECAUTIONS: Wash thoroughly with soap and water after handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION  
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ENGINEERING CONTROLS: Use local exhaust.

RESPIRATORY PROTECTION: Air purifying respirator with dust/mist filter (N95), if needed.

SKIN PROTECTION: Impervious.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION, continued  
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EYE PROTECTION: Goggles or full-face respirator.

OTHER PROTECTION: Wear tyvek coveralls during dusty operations.

9. PHYSICAL AND CHEMICAL PROPERTIES  
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APPEARANCE/PHYSICAL STATE: Powder

ODOR: N/D

BOILING POINT: N/A

MELTING/FREEZING POINT: N/A

VAPOR PRESSURE (mm Hg): N/A

VAPOR DENSITY (Air=1): N/A

EVAPORATION RATE: N/A

BULK DENSITY: N/D

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  
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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 &gt; 2,000 mg/kg in rabbits for gibberellic

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11. TOXICOLOGICAL INFORMATION, continued  
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acid.

INHALATION TOXICITY: N/D. Gibberellic acid was not lethal in an inhalation study with rats at 1.7 mg/L/4 hours. Mice and guinea pigs survived exposure to gibberellic acid as an aerosol formulation at maximum achievable concentration of 0.283 mg/L/1.5 hours.

CORROSIVENESS: N/D

DERMAL IRRITATION: N/D. Gibberellic acid was 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  
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ECOLOGICAL INFORMATION: N/D

13. DISPOSAL CONSIDERATIONS  
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WASTE DISPOSAL METHODS: Dispose of product in accordance with federal, state, and local regulations.

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14. TRANSPORTATION INFORMATION  
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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  
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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  
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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 Corporation  
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APPROVED BY: RHW