

**Galltrol®**  
*Crown Gall Prevention*

**AgBioChem, Inc.**  
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**Gallex®**  
*Crown Gall Eradication*

MATERIAL SAFETY DATA SHEET

**GALLEX® and GALLTROL-A®**

GALLEX – Crown Gall Eradicant

- 1) A Flowable ready-to-use dilute emulsion of water in kerosene and derivatives (see label). Contains:
  - a. 0.463% 2,4 xylenol (dimethyl phenol)
  - b. 0.466% meta cresol (methyl phenol)
- 2) Flash Point 220 degrees F (104.4 C).
- 3) Moderately toxic if ingested; odor toxicity low; low reactivity (26% water); noncorrosive.
- 4) DOT Shipping Classification: Agricultural Insecticide, non-flammable, N.O.I.B.N.; Freight Rate Class #60.
- 5) Health Hazard Data
  - a. Acute Oral (rat): LD-50 4640 mg/kg
  - b. I.P. (mouse): LD-50 685 mg/kg
- 6) Emergency and First Aid Procedures (see label warning attached)
- 7) Spill and Leak Procedures
  - a. Gallex is packed in opaque, plastic, one-half gallon bottles, so no large spill problem foreseen.
  - b. If a spill occurs on a solid, smooth surface, recover the product by scraping or scooping the emulsion into a bucket or can for pouring into a new closable container. Product which is wasted may be absorbed by soil or sawdust and then buried. Since the active ingredients are less than 1% and are common disinfectants, small amounts of waste may be disposed of through the sewer system.
- 8) Special Personal Protection Equipment: see label
- 9) No special precautions, except store product in a cool location to minimize evaporation and shrinkage.
- 10) Emergency Phone No.: (530) 228-8028

GALLTROL-A: Biological Crown Gall Preventative

There is no hazard in storage or handling (see label) of this naturally occurring, live bacterial culture. The nutrient agar growth medium contains essential amino acids, sugar, minerals, and water. The storage life of GALLTROL-A will be prolonged (4 months) by keeping it in refrigerated storage (38-40 F). The bacteria in GALLTROL-A have been shown not to cause any eye or skin irritation when applied in concentrated form as sold.

For further information please call emergency number above.