



## SAFETY DATA SHEET

## GALLTROL-A®

### SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**TRADE NAME:** GALLTROL-A®

**EPA REGISTRATION NUMBER:** 40230-1

**EPA SIGNAL WORD:** CAUTION

**CA REGISTRATION NUMBER:** 40230-1-CA

**LABEL VERSION:** 29 June 2009

**DATE:** 25 June 2013

**SUPERSEDES DATE:** New

**MANUFACTURER:** AgBioChem, Inc.

**ADDRESS:** 3750 N 1020 E  
Provo, UT 84604

**24/7 EMERGENCY PHONE:** 1-800-728-2482 (Professional Emergency Response Services)

**24/7 HEALTH EMERGENCIES:** 800-858-7378 (National Pesticide Information Center)

### SECTION II - HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Keep out of reach of children. The product may cause eye irritation.



**GHS:**   **SIGNAL WORD:** WARNING

**POTENTIAL HEALTH EFFECTS**

**CODE OF HAZARD STATEMENTS:**

*Physical hazards*

None.

*Health Hazards*

H320-Causes eye irritation.

*Environmental hazards*

H402-Harmful to aquatic life.

**CODE OF PRECAUTIONARY STATEMENTS:**

*General*

P101-Keep out of reach of children. P103-Read label before use.

*Prevention statements*

P202-Do not handle until all safety precautions have been read and understood.

P262-Do not get in eyes.

P264-Wash thoroughly after handling using this product.

P-273-Avoid release to the environment.

P281-Use personal protective equipment as required.

*Response statements*

P305-If in eyes: hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes then continue rinsing.

P311-Call a POISON CENTER or doctor/physician for treatment advice.

*Storage*

P401-Store in a refrigerated storage 38-40 °F (3.33-4.44 °C). Do not freeze.

**ROUTES OF ENTRY:** Eye and skin contact.

**CARCINOGENICITY:** None found.

### SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

NAME	AMOUNT
<i>Agrobacterium radiobacter</i> (Strain K84)	0.35 oz. (9.92 g.)

Note Each culture plate 150 mm (six inches) in diameter contains 50 ml. of agar culture medium (Registered in Washington state to comply with USDA National organic Standards) and has a surface of 17,633 mm<sup>2</sup> or 28 in<sup>2</sup> containing not less than 1.2 x 10<sup>11</sup>) colony forming units of live bacteria as a surface growth (1.2 x 10<sup>188</sup> cells per ml).

Agar is not used - discard after bacteria removal.

**SECTION IV - FIRST AID MEASURES**

**INHALATION:** Move to fresh air free from risk of further exposure. If person not breathing call 9-1-1, then apply rescue breathing. Seek medical attention as soon as possible.

**EYE CONTACT:** Flush with clean, lukewarm water raising upper and lower eyelids at low pressure for 15 minutes. Remove contact lenses, if present, after the first five minutes and continue to rinse the eyes. Seek medical attention if no relief.

**SKIN CONTACT:** Rinse area with clean water for 15-20 minutes. Call poison control center or doctor for treatment advice.

**INGESTION:** Call a poison control center or doctor immediately for treatment advice. DO NOT INDUCE VOMITING. Lower the head when person is vomiting to minimize entry into throat and lungs.

**SECTION V - FIREFIGHTING MEASURES**

**FLASHPOINT AND METHOD:** Not flammable

**FLAMMABLE LIMITS:** NE

**EXTINGUISHING METHOD:** Use dry chemicals, carbon dioxide and foam for surrounding fire.

**FIRE OR EXPLOSION HAZARDS:** This material under complete combustion will form oxides of carbon and nitrogen.

**SPECIAL FIREFIGHTING PROCEDURES:** Keep upwind of fire. Full emergency equipment with self-contained breathing apparatus and full protective clothing to be worn by firefighters.

**SECTION VI - ACCIDENTAL RELEASE MEASURES**

**SPILL OR LEAK PROCEDURES:** Wear PPE. Isolate the area and prevent material from getting into waterways.

Sweep up and place the collected material in a closed container.

Finish cleaning the area with small amounts of soap and water on the spill area.

**SECTION VII - HANDLING AND STORAGE**

**STORAGE TEMPERATURE:** Keep containers tightly closed. Avoid high temperatures. Keep in refrigerated storage 38-40 °F (3.33-4.44 °C). Do not freeze.

**SPECIAL SENSITIVITY:** Avoid contact with eyes, wear PPE in section 8.

**HANDLING AND STORAGE PRECAUTIONS:** Use normal safety procedures and good personal hygiene. Wash thoroughly after use and before eating, drinking, chewing gum or using tobacco.

**SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EYE PROTECTION:** Use safety glasses or goggles, keep out of eyes.

**SKIN PROTECTION:** Wear long sleeve shirts, long pants and shoes and socks.

**RESPIRATORY PROTECTION:** Not normally required, however wear respirator if the airborne conditions mandate.

**OCCUPATIONAL EXPOSURE LIMITS:** None.

**ENGINEERING CONTROLS:** Provide adequate ventilation when product is used.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL FORM:** Live bacteria colony on an agar medium.

**ODOUR:** Slight odour.

**SOLUBILITY IN WATER:** Live bacteria is suspended in water.

**COLOUR:** Off-white

**pH:** 7



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### SECTION X - REACTIVITY

**STABILITY:** This product is a living organism, do not freeze and store in refrigerated storage 38-40 °F (°C).

**HAZARDOUS POLYMERIZATION:** Will not occur.

**INCOMPATIBLES:** None known.

**DECOMPOSITION PRODUCTS:** Product will burn and the products of complete combustion are oxides of carbon and nitrogen.

### SECTION XI - TOXICOLOGICAL/ECOLOGICAL INFORMATION

The product may be harmful to aquatic organisms. The significant route of exposure is the eyes.

### SECTION XII - DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** The active ingredient is suspended on an agar medium wear required PPE to dispose of the material according to label instructions for pesticide and container disposal. Dispose according to the regulations of local, state and Federal regulatory agencies.

### SECTION XIII - TRANSPORTATION INFORMATION

**US DOT (ground) SHIPPING DESCRIPTION:** Not regulated by ground shipment, per 49 CFR Part 172.101(12)(iv).

**IATA (air) SHIPPING DESCRIPTION:** Not regulated by air.

**IMO (water) SHIPPING DESCRIPTION:** Not regulated by water

### SECTION XIV - REGULATORY INFORMATION

**OSHA STATUS:** Not regulated.

**TSCA STATUS:** Not listed.

**CERCLA REPORTABLE QUANTITY:** None.

**CALIFORNIA PROPOSITION 65:** Not listed.

**RCRA STATUS:** None.

#### SARA 311/312 HAZARD NOTIFICATION/REPORTING

IMMEDIATE Y FIRE N SUDDEN RELEASE OF PRESSURE N  
DELAYED N REACTIVE N

**SARA TITLE III:** None.

**SECTION 302 EXTREMELY HAZARDOUS:** None.

**SECTION 313 TOXIC CHEMICALS:** None.

**RIGHT TO KNOW:** Not listed.

### SECTION XV – OTHER INFORMATION/APPROVALS

National Fire Protection Association (NFPA)  
Hazardous Materials Identification System (HMIS)  
NFPA

	0 Least		HMIS
1 Health	1 Slight	1	Health
0 Flammability	2 Moderate	0	Flammability
0 Instability	3 High	0	Reactivity
	4 Severe	F	PPE

**RISK PHRASES:** R36, Irritating to eyes.

**SAFETY PHRASES:** S2, Keep out of reach of children; S25, Avoid contact with eye; S36, Wear suitable protective clothing; S39, Wear eye/face protection; S61, and Avoid release to the environment.



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### SECTION XVI – ABBREVIATIONS /DISCLAIMER

**REASON FOR ISSUE:** New International ANSI Z400 format, GHS compliance and REACH compliance.

**EUROPEAN COMMUNITY:** 

**WHMIS:** None.

**APPROVAL DATE:** 30 June 2013

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#### ABBREVIATIONS:

CAS #	Chemical Abstract Service Number	EINECS	European Inventory of existing Commercial Chemical Sales
°C	Celsius temperature scale	°F	Fahrenheit temperature scale
Prop.	Proprietary	PE	Personal Protective Equipment
TLV	Threshold Limit Value	TWA	Time Weighted Average
STEL	Short-term Exposure Limit	PEL	Permissible Exposure Limit
OSHA	Occupational Safety & Health	NIOSH	National Institute of Safety & Health
NFPA	National Fire Protection Agency	WHMIS	Workplace Hazardous Materials Information System
NTP	National Toxicology Program	IARC	Int. Agency for Research on Cancer
RCRA	Resource Conservation Recovery ACT	TSCA	Toxic Substance Control Act
LC <sub>50</sub>	Lethal Inhalation Concentration	EC <sub>50</sub>	Effective Dose
CAS	Chemical Abstract Service Number	LD <sub>50</sub>	Lethal Dose
UEL	Upper explosive limit	LEL	Lower explosive limit
ND	Not determined	NDA	No Data Available
NA	Not Applicable	NE	None established
≥	Greater Than or Equal To	≤	Less Than or Equal To
CI	China	CNS	Central Nervous System
ECL	Korean Existing Chemicals List	DSL	Canada
ENCS	Japanese Existing and New Chemical List	EEC	European Economic Commission
EU	European Union	MAC	Netherlands
MAK	Germany	MITI	Japan
PICCS	Philippines	SWISS	Giftliste 1
UK	United Kingdom	USA	United States
VOC	Volatile organic content		
ACGIH	American Conference of Government Industrial Hygienists		
SARA	Superfund Amendments and Reauthorization Act		
AICS	Australian Inventory of Chemical Substances		
IARC	International Agency for Research on Cancer		
Taiwan	List of Toxic Chemical Substances regulated under Taiwan Toxic Chemical Substances Control Act of 1086		

#### Disclaimer

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