

**BURAN**  
REGISTRATION NO: 30601

**LIQUID CONCENTRATE BIOLOGICAL FUNGICIDE**  
**PEST CONTROL PRODUCTS ACT**

## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT NAME:</b>	Buran	<b>MANUFACTURER:</b>	AEF GLOBAL INC.
<b>ACTIVE INGREDIENT:</b>	Garlic		925 des Calfats
<b>USE:</b>	Biological fungicide		Levis, Quebec, Canada G6Y 9E8
<b>CAS NUMBER:</b>	8000-78-0	<b>EMERGENCY TELEPHONE NUMBERS:</b>	
<b>CAS NAME:</b>	Garlic	Office hours:	1-866-622-3222 (toll free)
			1-418-838-4441

## 2. COMPOSITION AND INFORMATION ON INGREDIENTS

### COMPOSITION:

NAME:	CAS #	GUARANTEE
Garlic	8000-78-0	15 % garlic powder

**FORMULA:** Not applicable

## 3. HAZARDS IDENTIFICATION

<b>EMERGENCY OVERVIEW:</b>	This material is a biological fungicide. Acute exposure may result in mild, transient ocular or dermal irritation.	<b>SKIN ABSORPTION:</b>	Not known to occur
<b>TLV AND SOURCE:</b>	None established by ACGIH or OSHA.	<b>SKIN/EYE CONTACT:</b>	Transient irritation may occur
<b>ACUTE EFFECTS:</b>		<b>CHRONIC HEALTH EFFECTS:</b>	Not known to exist
<b>INHALATION:</b>	None known to exist	<b>CARCINOGENICITY:</b>	This material is not considered to be a carcinogen by the NTP, the IARC or the OSHA.
<b>SWALLOWING:</b>	None known		

## 4. FIRST AID MEASURES

**SWALLOWING:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

**INHALATION:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

**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 eye. Call a poison control centre or doctor for treatment advice.

**Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.**

**Notes to Physician:** *There is no specific antidote if this product is ingested. Treat symptomatically.*

## 5. FIRE AND EXPLOSION DATA

<b>FLASH POINT:</b>	Not applicable	<b>UNUSUAL FIRE EXPLOSION OR REACTIVITY HAZARD:</b>	None known to exist
<b>FLAMMABILITY:</b>	Not applicable	<b>EXTINGUISHING MEDIA:</b>	No special requirements
<b>FLAMMABLE LIMITS IN AIR % BY VOLUME:</b>	Not available	<b>HAZARDOUS COMBUSTION PRODUCT:</b>	None known
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	No special requirements		

## 6. ACCIDENTAL RELEASE MEASURES

**GENERAL INFORMATION:** Buran's active ingredient, garlic, is *generally recognized as safe* (GRAS) by the Food and Drug Administration (FDA) and no significant adverse effects to humans or the environment are associated with the use of Buran.

**SPILL OR LEAK PROCEDURES:** If spill occurred, contact the regional office of the provincial pesticide regulatory agency or the manufacturer.

## 7. HANDLING AND STORAGE

**PRECAUTIONS:** KEEP OUT OF REACH OF CHILDREN. May cause eye and skin irritation. May cause skin sensitization and respiratory irritation. Avoid contact with skin, eyes or clothing. Avoid breathing spray mists.

**STORAGE:** Store in a cool area at temperatures between **4°C** and **20°C**; long exposure to higher temperatures may reduce product activity.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**VENTILATION:** Local exhaust as necessary.

**PERSONAL PROTECTION:**

**RESPIRATORY PROTECTION:** None required under usual conditions of use. If potential exposure to aerosol in enclosed, poorly ventilated area, use air purifying respirator with dust/mist filter if needed.

**PROTECTIVE GLOVES:** To avoid contact with skin, wear water-proof gloves

**EYE PROTECTION:** To avoid contact with eyes, wear safety glasses with side shields or chemical goggles.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Beige	<b>SOLUBILITY:</b>	Disperses in water
<b>ODOUR:</b>	Slight garlic odor	<b>pH:</b>	9.0-10.0
<b>MELTING POINT:</b>	Not applicable	<b>VAPOR PRESSURE:</b>	Not available
<b>BOILING POINT:</b>	Not applicable	<b>% VOLATILES/VOLUME:</b>	Not available
<b>SPECIFIC GRAVITY:</b>	Not applicable		

## 10. STABILITY AND REACTIVITY DATA

<b>STABILITY:</b>	Stable	<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b>	None known
<b>HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID:</b>	Will not occur None known	<b>HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:</b>	None known

## 11. TOXICOLOGICAL INFORMATION

**GENERAL INFORMATION:** Buran's active ingredient, garlic, is *generally recognized as safe* (GRAS) by the Food and Drug Administration (FDA) and no significant adverse effects to humans are associated with the use of Buran.

**TOXICITY DATA:** Not available

**12. ECOLOGICAL INFORMATION**

**GENERAL INFORMATION:** Buran's active ingredient, garlic, is *generally recognized as safe* (GRAS) by the Food and Drug Administration (FDA) and no significant adverse effects to the environment are associated with the use of Buran.

**ECOLOGICAL TOXICITY DATA:** Not available

**13. DISPOSAL CONSIDERATIONS**

**GENERAL INFORMATION:** Dispose of product containers and waste product in accordance with provincial regulations and label instructions.

**14. TRANSPORT INFORMATION**

<b>UN NUMBER:</b>	Not applicable	<b>PACKING GROUP:</b>	Not applicable
<b>TDG CLASSIFICATION:</b>	Not regulated	<b>SPECIAL SHIPPING INSTRUCTION:</b>	Not applicable

**15. OTHER REGULATORY INFORMATION**

**FEDERAL REGULATIONS:** This pest control product is subject to the *Pest Control Products Act* and Regulations, and the *Food and Drugs Act* and Regulations.

**16. OTHER INFORMATION**

**SUPPLEMENTAL INFORMATION:** The information and recommendations contained herein are based on data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made by AEF Global Inc. with respect to the information contained herein.

**Latest revision:** February 24, 2017.

For more information, refer to the label. You can also visit [www.aefglobal.com](http://www.aefglobal.com).