

BURAN
REGISTRATION NO: 30601

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

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	Buran	MANUFACTURER:	AEF GLOBAL INC.
ACTIVE INGREDIENT:	Garlic		925 des Calfats
USE:	Biological fungicide		Levis, Quebec, Canada G6Y 9E8
CAS NUMBER:	8000-78-0	EMERGENCY TELEPHONE NUMBERS:	
CAS NAME:	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

CLASSIFICATION :	Skin irritant - Category 3 Eye irritant - Category 2B	TLV AND SOURCE:	None established by ACGIH or OSHA.
SIGNAL WORD :	CAUTION	ACUTE EFFECTS:	
PICTOGRAM :	Not required	INHALATION:	None known to exist
HAZARD STATEMENT :	POTENTIAL SENSITIZER CAUTION EYE IRRITANT CAUTION SKIN IRRITANT	SWALLOWING:	None known
PRECAUTION:	May cause eye irritation. May cause skin irritation. May cause skin sensitization. Avoid contact with skin, eyes or clothing. Avoid breathing spray mists. May cause respiratory irritation.	SKIN ABSORPTION:	Not known to occur
		SKIN/EYE CONTACT:	Transient irritation may occur
		CHRONIC HEALTH EFFECTS:	Not known to exist
		CARCINOGENICITY:	This material is not considered to be a carcinogen by the NTP, the IARC or the OSHA.

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

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

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

10. STABILITY AND REACTIVITY DATA

STABILITY:	Stable	CONDITIONS TO AVOID:	None known
HAZARDOUS POLYMERIZATION:	Will not occur		

INCOMPATIBILITY (MATERIALS TO AVOID):

None known

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:

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

UN NUMBER: Not applicable

PACKING GROUP: Not applicable

TDG CLASSIFICATION: Not regulated

SPECIAL SHIPPING INSTRUCTION: 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.

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For more information, refer to the label. You can also visit www.aefglobal.com.