

BerryCARE™

FUNGICIDE AND BACTERICIDE

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	BerryCARE	MANUFACTURER:	
ACTIVE INGREDIENT:	Citric acid	AEF GLOBAL INC.	
USE:	Biological fungicide and bactericide	440, 3e avenue, suite 100	
CAS NUMBER:	Not applicable	Levis, Quebec, Canada G6W 5M6	
CAS NAME:	Not applicable	EMERGENCY TELEPHONE NUMBERS:	
		Office hours:	1-866-622-3222 (toll free)
			1-418-838-4441

2. COMPOSITION AND INFORMATION ON INGREDIENTS

COMPOSITION:

NAME	CAS #
Citric acid	77-92-9
Potassium sorbate	24634-61-5
Sodium benzoate	532-32-1
Ethyl lactate	97-34-3
Lactose	63-42-3
Water	7732-18-5

FORMULA: Not applicable

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:	CAUTION. May cause eye and skin irritation. Avoid contact with skin, eyes or clothing.	SKIN ABSORPTION:	None known
TLV AND SOURCE:	None established by ACGIH or OSHA.	SKIN/EYE CONTACT:	CAUTION. May cause eye and skin irritation.
ACUTE EFFECTS:		CHRONIC HEALTH EFFECTS:	None known
INHALATION:	None known	CARCINOGENICITY:	This material is not considered to be a carcinogen by the NTP, the IARC or the OSHA.
SWALLOWING:	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 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
FLAMMABILITY:	Not applicable	EXTINGUISHING MEDIA:	No special requirements
FLAMMABLE LIMITS IN AIR % VOLUME:	Not available	HAZARDOUS COMBUSTION PRODUCT:	None known
SPECIAL FIRE FIGHTING PROCEDURES:	No special requirements		

6. ACCIDENTAL RELEASE MEASURES

GENERAL INFORMATION: This product is a biodegradable fungicide and bactericide.

SPILL OR LEAK PROCEDURES: If spilled on a solid surface, such as road or pavement, dike and absorb with inert material, such as clay or pet litter, sweep up and place in a container for disposal. Flush area with water to dilute remaining material.

7. HANDLING AND STORAGE

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. **CAUTION.** May cause eye and skin irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

STORAGE: Keep in a cool place, away from the sun rays. After extended storage, shake or stir the product thoroughly to assure a uniform suspension. Keep from freezing. Store in original container out of reach of children.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

VENTILATION: Local exhaust as necessary.

PERSONAL PROTECTION: Wear long-sleeved shirts, long pants, water proof gloves, and eye goggles and shoes plus socks when handling, mixing/loading or applying, and during all clean-up/repair activities.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Yellowish liquid	SOLUBILITY:	Disperses in water
ODOUR:	Slight acidic	pH:	3.1 – 3.4
MELTING POINT:	Not applicable	VAPOR PRESSURE:	Not available
BOILING POINT:	Not applicable	% VOLATILES/VOLUME:	Not available
SPECIFIC GRAVITY:	1.08 – 1.09 g/ml		

10. STABILITY AND REACTIVITY DATA

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

11. TOXICOLOGICAL INFORMATION

GENERAL INFORMATION: This product is unlikely to affect human health when used according to label directions.

TOXICITY DATA: This product is unlikely to pose adverse effect to human health as it meets the conditions to be exempted from FIFRA registration. The active ingredient is allowed in a minimum risk pesticide and has an established pesticide tolerance or tolerance exemption (use on food-use crops). Inerts in this product are either commonly consumed food commodities or on list 4a which are generally regarded to be of minimal toxicological concern, as well as substances commonly consumed as foods.

12. ECOLOGICAL INFORMATION

GENERAL INFORMATION: The active ingredient of this product is expected to pose negligible risk to terrestrial and aquatic organism under conditions of use. This pesticide is not for the control of pests in aquatic system. Do not use to control aquatic pest and do not allow effluent or runoff from greenhouses containing this product to enter lakes, streams, ponds or other waters.

ECOLOGICAL TOXICITY DATA: This product is unlikely to pose adverse effect to terrestrial and aquatic organism as it meets the conditions to be exempted from FIFRA registration. The active ingredient is allowed in a minimum risk pesticide and has an established pesticide tolerance or tolerance exemption (use on food-use crops). Inerts in this product are either commonly consumed food commodities or on list 4a which are generally regarded to be of minimal toxicological concern, as well as substances commonly consumed as foods.

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 a minimum risk pesticide (section 25b) and is exempted from FIFRA registration.

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.