Safety Data Sheet

CYCLONE PLUS
REGISTRATION NO: 34762

FUNGICIDE AND BACTERICIDE
PEST CONTROL PRODUCTS ACT

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Cyclone PLUS
ACTIVE INGREDIENT: Citric acid, Lactic acid
USE: Biological fungicide and bactericide
CAS NUMBER: Not applicable
CAS NAME: Not applicable

MANUFACTURER:
AEF GLOBAL INC.
440, 3e avenue, suite 100
Levis, Quebec, Canada G6W 5M6

EMERGENCY TELEPHONE NUMBERS:
Office hours: 1-866-622-3222 (toll free)
1-418-838-4441

2. COMPOSITION AND INFORMATION ON INGREDIENTS

COMPOSITION:

NAME:	CAS #	GUARANTEE
Citric acid	77-92-9	1.41%
Lactic acid	50-21-5	2.54%

FORMULA: Not applicable

3. HAZARDS IDENTIFICATION

CLASSIFICATION : NA

SIGNAL WORD : Warning, contains the allergen milk

PICTOGRAM :

HAZARD STATEMENT : NA

PRECAUTION: Avoid breathing mist.

TLV AND SOURCE: None established by ACGIH or OSHA.

ACUTE EFFECTS:

INHALATION: None known to exist

SWALLOWING: None known

SKIN ABSOPRTION: 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 center 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
FLAMMABILITY: Not applicable
FLAMMABLE LIMITS IN AIR % VOLUME: Not available
SPECIAL FIRE FIGHTING PROCEDURES: No special requirements

UNUSUAL FIRE EXPLOSION OR REACTIVITY HAZARD: None known to exist
EXTINGUISHING MEDIA: No special requirements
HAZARDOUS COMBUSTION PRODUCT: None known

6. ACCIDENTAL RELEASE MEASURES

GENERAL INFORMATION: Cyclone PLUS 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. Prolonged skin contact may cause irritation. Direct ocular contact may cause irritation. Avoid contact with skin, eyes or clothing. Avoid breathing mist.

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
ODOUR: Citric odor
MELTING POINT: Not applicable
BOILING POINT: Not applicable
SPECIFIC GRAVITY: 1.07 – 1.09 g/ml

SOLUBILITY: Disperses in water
pH: 3.2 – 3.6
VAPOR PRESSURE: Not available
% VOLATILES/VOLUME: Not available

10. STABILITY AND REACTIVITY DATA

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

INCOMPATIBILITY (MATERIALS TO AVOID): None known
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: None known

11. TOXICOLOGICAL INFORMATION

GENERAL INFORMATION: Cyclone PLUS is unlikely to affect human health when used according to label directions.

TOXICITY DATA: Not available

12. ECOLOGICAL INFORMATION

GENERAL INFORMATION: The active ingredients of this product are expected to pose negligible risk to terrestrial and aquatic organism under conditions of use. However, as this pesticide is not registered 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: 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.