

SIROCCO
REGISTRATION NO: 31091

FOLIAR FUNGICIDE
PEST CONTROL PRODUCTS ACT

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	Sirocco	REGISTRANT:	AEF GLOBAL INC.
ACTIVE INGREDIENT:	Potassium Bicarbonate		925 des Calfats
USE:	Foliar fungicide		Levis, Quebec, Canada G6Y 9E8
CAS NUMBER:	298-14-6	EMERGENCY TELEPHONE NUMBERS:	
CAS NAME:	Potassium Bicarbonate	Office hours:	1-866-622-3222 (toll free)
			1-418-838-4441

2. COMPOSITION AND INFORMATION ON INGREDIENTS

COMPOSITION:

NAME:	CAS #	GUARANTEE
Potassium Bicarbonate	298-14-6	85%

FORMULA: Not applicable

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:	White to off-white powder with mild, characteristic odor. Harmful if swallowed. Causes moderate eye irritation.	SKIN/EYE CONTACT:	Causes moderate eye irritation. Not a primary skin irritant.
ACUTE EFFECTS:		CHRONIC HEALTH EFFECTS:	No known effects based on animal studies.
INHALATION:	Dust may irritate the respiratory tract.	CARCINOGENICITY:	The ingredients in this product are not listed by NTP, OSHA, or ACGIH as a carcinogen.
SWALLOWING:	Harmful if swallowed		

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: *Treat symptomatically. There is no need to induce vomiting. Monitor patient until ingested material clears their system.*

5. FIRE AND EXPLOSION DATA

FLASH POINT:	Not applicable	UNUSUAL FIRE AND EXPLOSION HAZARD:	None known
AUTOIGNITION TEMPERATURE:	Not determine	EXTINGUISHING MEDIA:	Not combustible
SPECIAL FIRE FIGHTING PROCEDURES:	Evacuate personnel to a safe area. Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus and full protective equipment.	HAZARDOUS DECOMPOSITION PRODUCT:	Thermal decomposition will produce oxides of carbon and potassium.

6. ACCIDENTAL RELEASE MEASURES

GENERAL INFORMATION: Take all additional action necessary to prevent and remedy the adverse effects of the spill. This product should be prevented from entering bodies of water.

SPILL OR LEAK PROCEDURES: In case of spill, collect material immediately. Wipe residual material from surfaces with cloth. Do not wash residues into drains or other waterways.

7. HANDLING AND STORAGE

PRECAUTIONS: Avoid contact with skin and eyes. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

STORAGE: Store in original container in a cool, dry place away from acids. Prevent exposure to moisture. Keep container tightly closed and out of reach of children. Avoid contamination with other pesticides and fertilizers. Do not contaminate water, food or feed.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Avoid contact with skin and eyes. Keep container tightly closed.

PERSONAL PROTECTION:

RESPIRATORY PROTECTION: Use with adequate ventilation to prevent dust inhalation.

PROTECTIVE GLOVES: Use protective gloves.

OTHER: Avoid contact with skin and eyes. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Applicators and other handlers must wear: long-sleeved shirt, long pants, socks and shoes. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	White to off-white powder	SOLUBILITY:	Soluble in water
ODOUR:	Mild, characteristic odour	pH:	8.0 – 8.4 @1%
SPECIFIC GRAVITY:	0.76 – 0.86 g/cc	APPARENT DENSITY:	6.23 – 7.2 lbs/ gal
MELTING POINT:	Not determined	VISCOSITY:	Not determined
BOILING POINT:	Not determined		

10. STABILITY AND REACTIVITY DATA

STABILITY: Stable under normal recommended storage and handling conditions.

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY (MATERIALS TO AVOID): Strong acidic materials

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Thermal decomposition will produce oxides of carbon and potassium.

11. TOXICOLOGICAL INFORMATION**TOXICITY DATA:**

ACUTE ORAL:	LD50 = 2700 mg/Kg (rat)
ACUTE DERMAL:	LD50 > 5000 mg/Kg (rat)
ACUTE INHALATION:	LC50 > 2.3 mg/L (rat)
SKIN IRRITATION:	Irritation index (rabbit) = 0.17
EYE IRRITATION:	Non-irritating for 0.5% active ingredient (rabbit)
SENSITIZATION :	Not a sensitizer in guinea pigs
GENOTOXICITY :	No data available
TERATOGENICITY :	No data available

12. ECOLOGICAL INFORMATION

GENERAL INFORMATION: Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash water.

ECOLOGICAL TOXICITY DATA: No Data 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.