

**Bioprotec® SOP**  
REGISTRATION NO: 27963

**INSECTICIDAL SOAP**  
PEST CONTROL PRODUCTS ACT

## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT NAME:</b>	Bioprotec SOP	<b>MANUFACTURER:</b>	AEF GLOBAL INC.
<b>ACTIVE INGREDIENT:</b>	POTASSIUM SALTS OF FATTY ACIDS		925 des Calfats
<b>USE:</b>	insecticidal soap		Levis, Quebec, Canada G6Y 9E8
<b>CAS NUMBER:</b>	67701-09-1	<b>EMERGENCY TELEPHONE NUMBERS:</b>	
<b>CAS NAME:</b>	Not applicable	Office hours:	1-866-622-3222 (toll free) 1-418-838-4441

## 2. COMPOSITION AND INFORMATION ON INGREDIENTS

### COMPOSITION:

<b>NAME:</b>	<b>CAS #</b>	<b>GUARANTEE</b>
Not applicable	67701-09-1	0.85%

**FORMULA:** Potassium salts of fatty acids

## 3. HAZARDS IDENTIFICATION

<b>EMERGENCY OVERVIEW:</b>	This material is a biological pesticide. Acute exposure may result in ocular and dermal irritation.	<b>SKIN ABSORPTION:</b>	May cause mild irritation
<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>	May cause mild irritation	<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 known	<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</b>		<b>HAZARDOUS COMBUSTION PRODUCT:</b>	None known
<b>% VOLUME:</b>	Not available		
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	No special requirements		

## 6. ACCIDENTAL RELEASE MEASURES

**GENERAL INFORMATION:** Bioprotec SOP is a biodegradable product.

**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. 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

<b>APPEARANCE:</b>	Light brown- yellowish liquid	<b>SOLUBILITY:</b>	Highly soluble in water
<b>ODOUR:</b>	Slight odor	<b>pH:</b>	10.5
<b>MELTING POINT:</b>	Not applicable	<b>VAPOR PRESSURE:</b>	Not available
<b>BOILING POINT:</b>	80°C	<b>% VOLATILES/VOLUME:</b>	Not available
<b>SPECIFIC GRAVITY:</b>	1.01 g/ml		

## 10. STABILITY AND REACTIVITY DATA

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

## 11. TOXICOLOGICAL INFORMATION

**GENERAL INFORMATION:** Bioprotec SOP 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**

<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.

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