

**Trade Name: Reddy IT**

**(17/11/19)**

## **1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Manufacturer Name: Adjuvants Plus Inc.**  
**106 Wagle Ave., Kingsville, Ontario. N9Y 2J8**

**Revised:** 28/11/2019  
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**SDS Contact** 1-866-512-4659  
**Information** info@adjuvantsplus.com

**Chemical Family/Use:** Patented blend of Phosphate esters and Methylated Seed oils

**Identity:** Agricultural Additive

### **HMIS**

Health: 1 Flammability: 0 Reactivity: 0

### **NFPA**

Health: 1 Flammability: 0 Reactivity: 0

## **2. HAZARD(S) IDENTIFICATION**

**WARNING!** Avoid inhalation of spray.  
Repeated inhalation of spray may cause irritation

**Form:** Liquid

**Form:** brown

**Odor:** pleasant

### **POTENTIAL HEALTH EFFECTS**

#### **INGESTION**

Effects of repeated overexposure: Long term effects are unlikely.

#### **SKIN**

Brief contact is not irritating. Long term contact is unlikely to cause irritation

#### **INHALATION**

Inhalation of spray may result in respiratory irritation.

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**EYES**

Avoid spray into the eye, may cause discomfort. Causes the following effects: - moderate redness of the conjunctivae - tear production. Injury to the cornea is not expected.

**MEDICAL CONDITIONS AGGRAVATED**

Unlikely to aggravate an existing dermatitis.

**SUBCHRONIC (TARGET ORGAN )**

NA

**CHRONIC EFFECTS / CARCINOGENICITY**

NA

**ROUTES OF EXPOSURE**

Ingestion; Inhalation

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**PRODUCT COMPOSITION**

**A. NON HAZARDOUS**

Non-hazardous blend of vegetable oil and phosphate esters

**4. FIRST AID MEASURES**

**INGESTION**

Do NOT induce vomiting. Do not give victim anything to drink if he is unconscious.  
Get medical attention.

**SKIN**

Wash off promptly and flush contaminated skin with water.  
Get medical attention if symptoms persist.

**INHALATION**

Move the exposed person to fresh air at once. Get medical attention immediately.

**EYES**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
medical attention if symptoms persist.

Get

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**NOTE TO PHYSICIAN**

Treatment is symptomatic and supportive.

**5. FIRE-FIGHTING MEASURES**

**FLASH POINT:**

NA

**FLAMMABLE LIMITS LEL:**

NA

**FLAMMABLE LIMITS UEL:**

No data available.

**SENSITIVITY TO MECHANICAL IMPACT:**

No

**SENSITIVITY TO STATIC DISCHARGE**

**No**

**EXTINGUISHING MEDIA**

All standard extinguishing agents are suitable.

**SPECIAL FIRE FIGHTING PROCEDURES**

Firefighters normally should wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

**6. ACCIDENTAL RELEASE MEASURES**

**ACTION TO BE TAKEN SHOULD THE POWDER BE SPILLED**

Absorb in Oil-Dry like product and put in a container for disposal. Wash walking surfaces with Detergent in water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section.

**ENVIRONMENTAL PRECAUTIONS**

Prevent runoff from entering drains, sewers, or streams.

**7. HANDLING AND STORAGE**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Avoid contact with skin and eyes. Keep out of reach of children.

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**OTHER PRECAUTIONS**

Avoid breathing spray from nozzles

**STORAGE**

Keep container closed. Store in original container.

**FURTHER INFORMATION ON STORAGE CONDITIONS** None

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 ENGINEERING CONTROLS**

**Ventilation:**

Use only with adequate ventilation.

**Local exhaust:**

In case of spray formation: yes

**8.2**

**Personal protection  
equipment (PPE)**

**Respiratory protection:**

In case of spray mist use a NIOSH approved mask.

**Hand protection:**

Recommendation: protective gloves .

**Eye protection:**

In case of spray formation: Eye shield, or goggles when mixing and NIOSH respirator

**General hygiene and protection measures:**

Avoid breathing dust/vapor/mist/gas/aerosol. Do not eat, drink or smoke when handling. Wash thoroughly after handling.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>BOILING POINT (°C):</b>	NA
<b>VAPOR PRESSURE (20 C) (MM HG):</b>	NA
<b>VAPOR DENSITY (AIR=1):</b>	NA
<b>FREEZING POINT:</b>	-18 degrees C
<b>PHYSICAL STATE:</b>	liquid
<b>ODOR:</b>	soy oil
<b>Color:</b>	clear amber
<b>EVAPORATION RATE (BUTYL ACETATE=1):</b>	< 1
<b>DENSITY:</b>	0.96
<b>SOLUBILITY IN WATER (20 C):</b>	100%

## **10. STABILITY AND REACTIVITY**

### **STABILITY**

Stable

### **HAZARDOUS POLYMERIZATION.**

Hazardous polymerisation does not occur.

### **HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS**

In case of fire, gives off (emits): Carbon oxides; Carbon monoxide.

### **INCOMPATIBLE MATERIALS**

None known.

### **CONDITIONS TO AVOID**

None known.

## **11. TOXICOLOGICAL INFORMATION**

### **ACUTE ORAL**

LD50; Species: Rat; > 5,000 mg/kg;

### **ACUTE DERMAL**

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LD50; Species: Rat; > 5,050 mg/kg;

**ACUTE INHALATION**

Injection into lungs ; Species: Rat; > Non toxic

**OTHER**

**Adjuvant system is food grade and/or organic certified**

**SKIN IRRITATION.**

Species: Rabbit : Result: non irritating.

**EYE IRRITATION**

Species: Rabbit: Result: mildly irritating.

**MUTAGENICITY**

Negative in the Ames test.

**OTHER EFFECTS OF OVEREXPOSURE**

No adverse effects anticipated from available information.

## **12. ECOLOGICAL INFORMATION**

**ECOTOXICITY**

Not ECO Toxic.

**DISTRIBUTION**

No data available.

**CHEMICAL FATE**

No data available.

## **13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHODS**

Disposal should be made in accordance with Federal, State and local regulations .

## **14. TRANSPORT INFORMATION**

Ship and store away from food, feed, cosmetics, and medical supplies.

**Land:** ADR / RID Class: Not controlled under ADR (Europe)

**Water:** IMDG Class: Not controlled under IMDG

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**Air:** IATA - DGR Class: Not controlled under IATA

**Other:** US DOT: Not Regulated

**Canadian TDG:** Not Regulated under Canadian Transport of Dangerous Goods Regulations

## **15. REGULATORY INFORMATION**

### **CAUTION**

Spray may irritate the respiratory tract.

Spray may cause eye irritation.

Spray may cause skin irritation.

SARA Hazard Class:  Acute  Chronic  Flammable  Pressure  Reactive  None

SARA 313  Yes  No, Chemical SARA 302  Yes  No, Chemical

CERCLA:  Yes  No, Chemical RQ: none

RCRA:  Yes  No

NFPA Hazard Rating: NFPA Hazard Rating Scale:

Health: [1] 1 = Minimal 3 = Serious

Fire: [1] 0 = Slight 4 = Severe

Reactivity: [0] 0 = Slight

Special: [1]

HMIS Codes: HMIS Hazard Rating Scale:

Health: [1] 1 = Minimal 3 = Serious

Fire: [1] 0 = Slight 4 = Severe

Reactivity: [0] 0 = Slight

**Hazardous Product Regulations**

**(WHMIS 2015) Prepared to GHS Rev. 5**

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WHMIS: Material Unlikely to Cause Other Toxic Effects

## **16. OTHER INFORMATION**

**CONTACT: Adjuvants Plus Inc.**

**106 Wagle Ave., Kingsville, Ontario Canada. N9Y 2Y8**

**TELEPHONE: 1-877-512-4659**

### **DISCLAIMER AND LIMITATION OF LIABILITY**

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