



## SECTION 1: IDENTIFICATION

|                                       |  |
|---------------------------------------|--|
| <b>PRODUCT IDENTIFIER:</b>            | <b>IPM</b>   |
| <b>OTHER MEANS OF IDENTIFICATION:</b> |  |
| <b>RECOMMENDED USE:</b>               | Control of mites, insects and mildew   |
| <b>RESTRICTIONS ON USE:</b>           | None Known   |
| <b>SUPPLIER IDENTIFIER:</b>           | Athena Ag, Inc.,<br>4626 Lenox Avenue, Jacksonville, FL 32205<br>Phone: 818.333.1818;<br>Email : compliance@athenaag.com |
| <b>EMERGENCY PHONE NUMBER:</b>        | 800.424.9300   |

## SECTION 2: HAZARD IDENTIFICATION

|  |  |
|--|--|
| <b>CLASSIFICATION:</b>                         | Not classified as hazardous.   |
| <b>LABEL ELEMENTS:</b>                         | None   |
| <b>SIGNAL WORD:</b>                            | None   |
| <b>HAZARD STATEMENTS:</b>                      | Not classified as hazardous.   |
| <b>PICTOGRAM: NONE /<br/>SIGNAL WORD: N/A:</b> | (See Section 15)   |
| <b>PRECAUTIONARY STATEMENTS<br/>GENERAL:</b>   | P101: If medical advice is needed, have product container or label at hand<br>P102: Keep out of reach of children.<br>P103: Read label before use.   |
| <b>PREVENTION:</b>                             | P260: Do not breathe dust/vapor/ spray<br>P264: Wash thoroughly<br>P280: Wear eye protection, gloves   |
| <b>RESPONSE:</b>                               | P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P303+P361+P353: IF ON SKIN (or hair). Rinse skin with water/shower. P321: For specific treatments see FIRST AID section on SDS or label. |
| <b>STORAGE:</b>                                | P410: Protect from sunlight.   |
| <b>DISPOSAL:</b>                               | P501: Dispose of contents/ container in accordance with local/ regional/ national/ international regulations.  |

## SAFETY DATA SHEET



### PRECAUTIONARY STATEMENTS:

- GENERAL:** This material may contain potentially allergenic material. May cause irritation from allergic reaction, especially to people who have a history of allergic reactions.
- EYE:** Eye contact may cause serious/severe eye irritation. Avoid eye contact with product at all times.
- SKIN:** Effects of skin contact may include redness and localized irritation. Avoid prolonged and unnecessary skin contact with product.
- INHALATION:** Breathing of vapors or inhaling concentrated vapors may cause respiratory tract irritation. Avoid breathing vapors.
- INGESTION:** Ingestion may cause irritation of gastrointestinal tract, nausea, and diarrhea. Do not taste or swallow product.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| INGREDIENT        | CAS NUMBER | PROPORTION IN FINAL PRODUCT |
|-------------------|------------|-----------------------------|
| Citric Acid       | 77-92-9    | 0.05%                       |
| Lemongrass Oil    | 8007-02-1  | 1.5%                        |
| Peppermint Oil    | 8006-90-4  | 1.5%                        |
| Geranium Oil      | 8000-46-2  | 1.5%                        |
| Sodium benzoate   | 532-32-1   | 94.45%                      |
| Potassium Sorbate | 24634-61-5 |                             |
| Yeast             | 68876-77-7 |                             |
| Deionized Water   | 7732-18-5  |                             |
| <b>TOTAL</b>      |            | <b>100.00%</b>              |

### SECTION 4: FIRST AID MEASURES

- FOLLOWING INHALATION:** Remove to fresh air. If adverse effects develop, seek medical attention.
- FOLLOWING SKIN CONTACT:** Flush skin with water and wash with mild soap and water. If clothing is penetrated, remove clothing and flush skin with water. Wash clothing before reuse. Seek prompt medical attention if irritation develops or rash occurs.



**FOLLOWING EYE CONTACT:** Immediately flush eyes with a direct stream of water for at least 15 minutes while forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissues. Do not rub eyes. Get prompt attention.

**FOLLOWING INGESTION:** If conscious, have patient wash out mouth with water, then give water to drink. Do not induce vomiting. If spontaneous vomiting is inevitable, prevent aspiration by keeping victim's head below the knees. Get medical attention if patient feels unwell.

**SECTION 5: FIRE FIGHTING MEASURES**

**SUITABLE EXTINGUISHING MEDIA:**  
Water fog or fine spray, dry chemical, carbon dioxide, and foam.

**UNSUITABLE EXTINGUISHING MEDIA:**  
None known.

**COMBUSTION PRODUCTS:**  
None known.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**  
None Known, substance not considered a fire or explosion hazard

**HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:**  
None.

**SPECIFIC HAZARDS ARISING FROM THE PRODUCT:**  
None known.

**SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:**  
Use water spray to cool containers exposed to flames. Do not enter enclosed or confined workspaces without proper protective equipment. Fire-fighting personnel should wear respiratory protection (positive pressure if available). If leak or spill has not ignited, use water spray to disperse the vapors.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:**  
If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. Wash hands after using.

**ENVIRONMENTAL PRECAUTIONS:**  
Do not allow spills to enter waterway.

**METHODS AND MATERIAL FOR CONTAINMENT AND CLEAN UP:**

Build dike to contain flow. Remove free liquid. Contain spill and keep from entering waterways or sewers. Use personal protective equipment. Absorb on inert material. Shovel, sweep, or vacuum spill and place in closed container for disposal according to local, state, and federal regulations. NOTE: See section 8 for Personal Protective Equipment for Spills

**SECTION 7: HANDLING AND STORAGE****PRECAUTIONS FOR SAFE HANDLING:**

Keep container tightly closed when handling or storing. Exercise exposure controls and always wear personal protection.

**CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:**

Store this product below 104° F (40°C) for product viability. Keep from freezing.

**MATERIALS TO AVOID:**

Avoid strong acids and oxidizing agents.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****OCCUPATION EXPOSURE LIMITS:**

None known

**APPROPRIATE ENGINEERING CONTROLS:**

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**INDIVIDUAL PROTECTION MEASURES****EYE/FACE PROTECTION:**

Always wear eye protection. Goggles or safety glasses with side shields are recommended. Avoid eye contact at all times. Wash thoroughly after handling chemicals. Use reasonable care.

**SKIN PROTECTION:**

Neoprene rubber or other chemical resistant material such as nitrile or viton may be used. Protective gloves are recommended.

**RESPIRATORY PROTECTION:**

Should not be needed under normal conditions. Use with adequate ventilation. NIOSH-approved respirator when in contact with dust, mists or vapor.

**WORK PRACTICES:**

Use standard safe work procedures. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.



## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|  |  |
|--|--|
| <b>APPEARANCE</b>  | Translucent amber                              |
| <b>PHYSICAL STATE:</b>                                   | Liquid   |
| <b>ODOR:</b>   | Characteristic fermentation and essential oils |
| <b>ODOR THRESHOLD:</b>                                   | Not available                                  |
| <b>SPECIFIC GRAVITY (H<sub>2</sub>O=1):</b>              | 1.0-1.04                                       |
| <b>RELATIVE DENSITY:</b>                                 | 1.0-1.04                                       |
| <b>BULK DENSITY @ 25C:</b>                               | 8.44lb/gal                                     |
| <b>pH:</b>   | ~4.50  |
| <b>MELTING/FREEZING POINT:</b>                           | ~1°C(30.2°F)                                   |
| <b>INITIAL BOIL POINT/RANGE:</b>                         | Similar to water                               |
| <b>FLASH POINT:</b>                                      | Not determined                                 |
| <b>EVAPORATION RATE:</b>                                 | Not available                                  |
| <b>FLAMMABILITY (SOLID, GAS):</b>                        | Not available                                  |
| <b>UPPER/LOWER FLAMMABILITY OR EXPOSURE LIMITS:</b>      | Not available                                  |
| <b>VAPOR PRESSURE:</b>                                   | Not determined                                 |
| <b>VAPOR DENSITY (AIR=1):</b>                            | Not available                                  |
| <b>PARTITION COEFFICIENT, N-OCTANOL/WATER (LOG/KOW):</b> | Solubility-water freely soluble                |
| <b>AUTO-IGNITION TEMPERATURE:</b>                        | Not determined                                 |
| <b>OXIDIZING PROPERTIES:</b>                             | Not established                                |
| <b>DECOMPOSITION TEMPERATURE:</b>                        | Not available                                  |
| <b>VISCOSITY:</b>  | Not available                                  |

## SECTION 10: STABILITY AND REACTIVITY

**REACTIVITY & CHEMICAL STABILITY:**

This product is stable and non-reactive under normal conditions of storage, use and transport.

**CONDITIONS TO AVOID:**

Acids and bases may inactivate active ingredients. Avoid strong acids, bases and oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Oxides of carbon and sulfur. See Section 5.

|         | Health | Fire | Reactivity | Special |
|---------|--------|------|------------|---------|
| HMIS: 2 | 0      | 0    | 0          | N/A     |
| NFPA: 2 | 0      | 0    | 0          | N/A     |

**HAZARDOUS POLYMERIZATION:**

Hazardous polymerization will not occur.

## SECTION 11: TOXICOLOGICAL INFORMATION

**ACUTE TOXICOLOGICAL DATA:** Unlikely to cause harmful effects under normal conditions of handling and use.

## SAFETY DATA SHEET



|                                 |                   |
|---------------------------------|-------------------|
| <b>INHALATION:</b>              | No data available |
| <b>ORAL:</b>                    | No data available |
| <b>DERMAL:</b>                  | No data available |
| <b>PRIMARY SKIN IRRITATION:</b> | Slight irritant   |
| <b>PRIMARY EYE IRRITATION:</b>  | Slight irritant   |

**LIKELY ROUTES OF EXPOSURE:** Dermal, Ingestion, Inhalation.

|                      |   |
|----------------------|---|
| <b>INHALATION:</b>   | May cause respiratory tract irritation. |
| <b>SKIN CONTACT:</b> | May irritate skin.                      |
| <b>EYE CONTACT:</b>  | Eye irritation.                         |
| <b>INGESTION:</b>    | May be harmful if swallowed.            |

### SECTION 12: ECOLOGICAL INFORMATION

**ECO TOXICITY:** Non-toxic.

|                                       |                |
|---------------------------------------|----------------|
| <b>PERSISTENCE AND DEGRADABILITY:</b> | Not available. |
| <b>BIOACCUMULATIVE POTENTIAL:</b>     | Not available. |
| <b>MOBILITY IN SOIL:</b>              | Not available. |
| <b>OTHER ADVERSE EFFECTS:</b>         | None known.    |

### SECTION 13: DISPOSAL CONSIDERATIONS

#### DISPOSAL METHODS:

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority Requirements. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Rinse empty containers with clean water and treat the effluent the same as waste. Clean and empty containers are to be recycled or disposed of in accordance with local regulations.

### SECTION 14: TRANSPORT INFORMATION

|                      |                                      |
|----------------------|--------------------------------------|
| <b>US DOT:</b>       | Not regulated as hazardous material. |
| <b>IMO:</b>          | Not regulated as hazardous material. |
| <b>IATA:</b>         | Not regulated as hazardous material. |
| <b>RID/ADR:</b>      | Not regulated as hazardous material. |
| <b>Canadian TDG:</b> | Not regulated as hazardous material. |

### SECTION 15: REGULATORY INFORMATION

#### SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS

**CANADA - DOMESTIC SUBSTANCES LIST (DSL) / NON-DOMESTIC SUBSTANCES LIST (NDSL):**

All ingredients are either listed on the DSL/NDSL or exempt.

**USA - TOXIC SUBSTANCES CONTROL ACT (TSCA):**

All ingredients are either listed on the TSCA Inventory or exempt.

**US EPA CERCLA RQ:**

No products were found.

**SARA TITLE III SECTION EXTREMELY HAZARDOUS SUBSTANCE:**

Section 304 EHS RQ: No products were found.

Section 302 TPQ: No products were found.

**SARA TITLE III SEC. 311/312:**

Hazard category: N/A

US. EPA EPCRA Section 313 listed: No products were found.

Threshold quantity  
(processed or manufactured): N/A

Threshold quantity  
(otherwise used): N/A

Canadian WHIMIS Classification: Not regulated.

**CALIFORNIA PROP 65:**

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

**SECTION 16: OTHER INFORMATION****DATE OF LAST REVISION:**

January 2022

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