

## SAFETY DATA SHEET

Issue date: 06/18/2026  
 Revision: 06/18/2026

SECTION 1: Identification of the substance/mixture and of the company/undertaking	
Product Identifier	MaTri Tablets
Other Means or Identification	EPA Reg. No. 93837-4
Relevant identified uses of the substance or mixture and uses advised against	Identified uses: Plant protection product – growth regulator in form of tablets that when dissolved in water, releases vapors of 1-methylcyclopropene (1-MCP). Intended for improvement of storage stability of fruits, vegetables and cut flowers.
Product Restrictions	For Agriculture Use Only
Details of the supplier of the safety data sheet	Fresh Inset Solutions Inc. 119 S. Court Avenue Suite 201 Memphis, TN 38103 Phone: (267) 808-0540
Emergency telephone number	CHEMTREC 1-800-424-9300 (24 hours)
SECTION 2: Hazards identification	
Classification of the substance or mixture	
<p><b>Classification according to OSHA Hazard Communication Standard, 29 CFR 1910.1200</b>            Eye irritation: Category 2A</p> <p>This product is a pesticide product subject to labeling requirements under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). The product container label follows EPA/FIFRA labeling requirements. The OSHA Hazard Communication Standard classification and SDS label elements below are provided for workplace hazard communication purposes and do not replace or modify the EPA-approved pesticide label.</p> <p>When dissolved in or exposed to water, this product releases 1-methylcyclopropene (1-MCP) vapors. Avoid breathing vapors generated during activation and use. Follow all product label directions for enclosed-area treatment, ventilation, re-entry, and respiratory protection.</p>	
OSHA HCS label elements for SDS purposes	
<b>Class/Category:</b>	Eye irritation, Category 2A
<b>Hazards Not Otherwise Classified:</b>	When dissolved in or exposed to water, this product releases 1-methylcyclopropene (1-MCP) vapors
<b>Signal word:</b>	Warning
<b>Symbol(s):</b>	Exclamation mark
<b>Hazard statements:</b>	Causes serious eye irritation
<b>Precautionary statements:</b>	Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing vapors generated during activation and use.

Use only with adequate ventilation.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.

FIFRA label hazard information:

KEEP OUT OF REACH OF CHILDREN. CAUTION. Causes moderate eye irritation. Harmful if inhaled. Avoid breathing vapor. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

**SECTION 3: Composition/information on ingredients**

This product is a mixture. The following ingredients are listed because they are classified as hazardous under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, contribute to the hazard classification of the mixture, or are otherwise relevant to the hazard communication information provided in this SDS.

Ingredient	Identifier	% weight
1-Methyl-cyclopropene	CAS: 3100-04-7	0.6 – 1.0
Citric acid	CAS: 77-92-9	30 – 35

Other components are not listed because they are not classified as health hazards under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, are present below applicable disclosure thresholds, or do not contribute to the hazard classification of the mixture.

**SECTION 4: First aid measures**

**General recommendations**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of exposure, remove contaminated clothing and wash before reuse. If medical advice is needed, show the product label or this Safety Data Sheet where possible.

**Poison Control Center**

For general information on product use, call the National Pesticides Information Center at 1-800-858-7378. For emergencies, call the Poison Control Center at 1-800-222-1222.

**Inhalation**

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**Ingestion**

Call a poison control center 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 center or doctor. Do not give anything by mouth to an unconscious person.

**Eye contact**

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.

**Skin or clothing contact**

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. Call a poison control center or doctor for treatment advice.

**Most important symptoms and effects, both acute and delayed**

Causes serious eye irritation. The FIFRA pesticide label states: "Causes moderate eye irritation." Vapors generated during activation/use may be harmful if inhaled and may cause respiratory

irritation. Harmful if swallowed according to the FIFRA pesticide label. Skin contact may cause irritation.

**Indication of any immediate medical attention and special treatment needed**

The decision on how to proceed made by a doctor after examination of the injured.

Antidote: none

Treat symptomatically.

**SECTION 5: Firefighting measures**

**General recommendations:**

Remove from the area all unauthorized personnel and persons not participating in elimination of the fire. Eliminate sources of ignition, do not smoke. If necessary call the Fire Service.

**Extinguishing media**

**Appropriate media:**

Foam, dry chemicals, carbon dioxide, sand or earth; if necessary use water spray. Use fire extinguishing methods suitable to surrounding conditions.

**Unsuitable media:**

High-volume water jet. In contact with the product, a direct stream of water can generate dusts that in high concentrations can form explosive mixtures with air.

**Special hazards arising from the substance or mixture**

During fire dangerous gases may be evolved: carbon oxides (COx), nitrogen oxides (NOx), hydrogen chloride gas. Exposure to products of combustion may be a health hazard. Do not breathe fumes, gases or vapor.

**Advice for firefighters**

Use full protective clothing and a self-contained breathing apparatus. Isolate the exposed area. Isolate the water used for elimination of fire, do not allow it to enter sewers. Containers exposed to fire with water spray.

**SECTION 6: Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

Use personal protective measures – protective clothing, protective gloves, face shield. Avoid contact with skin, eyes and clothing. Remove all sources of ignition. Dismiss unauthorized personnel not wearing protective equipment. Avoid contact with spilled or released material. Restrict access to the affected area until the cleanup is complete.

**Environmental precautions**

Do not empty into drains. Do not allow the product to enter sewers, ditches or waterways. Use appropriate containment to avoid environmental contamination. In the case of environmental contamination notify the relevant services.

**Methods and material for containment and cleaning up**

Small spillage

Collect immediately mechanically or by vacuum and place in appropriate waste container then place to a labeled waste container.

Large spillage

Avoid dust formation. Keep spilled material dry. Isolate the spillage area. Collect mechanically or with an electrically secured vacuum and place in an appropriate labeled waste container. Avoid contact with water or moisture until the spilled product has been collected. After all spilled tablets/material have been collected, wash the affected area with plenty of water.

**Reference to other sections**

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**SECTION 7: Handling and storage**

**Precautions for safe handling**

Follow the Occupational Safety and Health rules and regulations on handling chemicals.  
Use personal protective measures listed in Section 8.  
Do not eat, drink or smoke when using this product.  
Contaminated work clothing should not be allowed out of the workplace.  
Wash hands before every break and after work.  
Work only in well-ventilated rooms.  
Avoid contact with skin and eyes.

**Conditions for safe storage, including any incompatibilities**

Keep dry. Protect from moisture and unintended contact with water. Do not open the container or foil packaging until ready for use. Use only as directed on the product label.  
Store only in original containers, tightly closed in a dry, well-ventilated place at temperature not lower than 0 °C and not exceeding 30 °C.  
Store in a place inaccessible to unauthorized personnel.  
Keep away from children and animals.  
Do not store with food, drink or animal foodstuffs.  
Store away from heat and hot surfaces.

**SECTION 8: Exposure controls/Personal protection**

**Control parameters**

**Ingredients with limit values that require monitoring at the workplace**

Substance	CAS	Workplace exposure limit		Notation
		Long-term exposure limit (8-hr TWA reference period)	Short-term exposure limit (15 minute reference period)	
---	---	ppm	mg×m <sup>-3</sup>	ppm
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**Exposure controls**

**Appropriate engineering controls**

The need for and selection of appropriate security measures should take into account the type of threat posed by the product, workplace conditions and the treatment of the product.

**Personal protective equipment**

Applicators and handlers must wear:  
Long-sleeved shirt and long pants.  
Shoes plus socks.  
Chemical-resistant gloves made of any waterproof material.  
Protective eyewear such as goggles, safety glasses, or face shield.

**Respiratory protection**

Avoid breathing vapors generated during activation and use. Use only with adequate ventilation.  
Do not enter enclosed treatment areas until the area has been ventilated as directed on the product label, unless wearing the appropriate PPE.

**PPE required for early entry into enclosed areas prior to venting:**

Long-sleeved shirt and long pants.  
Shoes plus socks.  
Chemical-resistant gloves made of any waterproof material.  
A NIOSH-approved respirator with an organic vapor cartridge with a combination N, R, or P filter with NIOSH approval prefix TC-84A; or a NIOSH-approved gas mask with an organic vapor canister with NIOSH approval prefix TC-14G.

Entry into enclosed treatment areas is restricted until the treatment area has been ventilated as directed on the product label. Restricted Entry Interval (REI): 30 minutes after the room has been vented.

**Thermal hazards**

Not applicable.

**Environmental exposure controls**

Do not empty into drains. Use containers to prevent the uncontrolled release into the environment of concentrate.

**SECTION 9: Physical and chemical properties**

**Information on basic physical and chemical properties**

Physical state:	Tablet, solid
Appearance/Color:	White
Odor:	Odorless
Melting point/freezing point:	Not available
Boiling point or initial boiling point and boiling range:	Not applicable
Flammability:	Not applicable
Lower and upper explosion limit:	Not applicable
Flash point:	Not applicable
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	Not applicable
Kinematic viscosity:	No data available
Solubility:	No data available
Partition coefficient n-octanol/water (log value):	No data available
Vapour pressure:	Not applicable
Density and/or relative density:	Not applicable
Relative vapour density:	No data available
Particle characteristics:	No data available

**SECTION 10: Stability and reactivity**

**Reactivity**

The product is not reactive under normal dry storage and handling conditions. When dissolved in or exposed to water, the product releases 1-methylcyclopropene (1-MCP) vapors as part of its intended use.

**Chemical stability**

Stable under recommended storage conditions when kept dry and in the original container.

**Possibility of hazardous reactions**

Hazardous reactions, including hazardous polymerization, do not take place.

**Conditions to avoid**

Avoid exposure to moisture or water except during intended use. Avoid temperatures outside the recommended storage range. Protect from heat, hot surfaces, and direct sunlight.

**Incompatible materials**

Strong oxidizing agents.

**Hazardous decomposition products**

Under normal conditions of storage and use, hazardous reactions will not occur.

**SECTION 11: Toxicological information**

**Likely routes of exposure**

Oral or dermal

**Symptoms**

Inhalation: Vapors generated during activation/use may be harmful if inhaled and may cause respiratory irritation.

Eye: Causes serious eye irritation. The FIFRA pesticide label states: "Causes moderate eye irritation."

Skin: May cause skin irritation.

Ingestion: Harmful if swallowed according to the FIFRA pesticide label.

**Acute toxicity**

Acute oral toxicity (rat): (1-MCP): LD50 > 5000 mg/kg, HSDB

Acute inhalation toxicity (rat): (1-MCP): LC50/4h > 2.5 mg/l

Acute dermal toxicity (rabbit): (1-MCP): LD50 > 2000 mg/kg, HSDB

**Skin corrosion/irritation**

Based on available data, not classified for skin corrosion/irritation. Skin contact may cause mild mechanical or transient irritation.

**Serious eye damage/irritation**

Causes serious eye irritation.

**Respiratory or skin sensitisation**

Based on available data, non-sensitizing.

**Germ cell mutagenicity**

No evidence of mutagenic effects.

**Carcinogenicity**

No evidence of carcinogenic effects.

**Reproductive toxicity**

This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity – single exposure**

Not classified.

**Specific target organ toxicity – repeated exposure**

Not classified.

**Aspiration hazard**

Material does not present an aspiration hazard.

**SECTION 12: Ecological information**

**Ecotoxicity**

The product is not classified as environmentally hazardous. However this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistence and degradability**

No data

**Bioaccumulative potential**

No data

**Mobility in soil**

No data available

**Other adverse effects**

No data

**SECTION 13: Disposal considerations**

**Waste treatment methods**

Do not contaminate water, food, or feed by storage or disposal. Dispose of wastes in accordance with the product label and applicable federal, state, and local regulations. Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility. Do not empty unused product into drains or waterways.

**Disposal of containers**

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available.  
Dispose of empty outer foil package in trash.

**SECTION 14: Transport information**

<b>UN number or ID number</b>	Not applicable
<b>UN proper shipping name</b>	Not applicable
<b>Hazard class</b>	Not applicable
<b>Packing group</b>	Not applicable
<b>Marine pollutant</b>	Not applicable
<b>U. S. Department of Transportation (DOT)</b>	Not regulated as dangerous goods.

**SECTION 15: Regulatory information**

**OSHA Hazard Communication Standard**

This product is classified as Eye Irritation Category 2A under the OSHA Hazard Communication Standard, 29 CFR 1910.1200. When dissolved in or exposed to water, the product releases 1-methylcyclopropene (1-MCP) vapors. Avoid breathing vapors generated during activation and use.

**United States TSCA Inventory (TSCA)**

This product contains chemical substance(s) exempt from U.S. EPA TSCA Inventory requirements. It is regulated as a pesticide subject to the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

**FIFRA pesticide labeling**

This product is a pesticide product subject to regulation by the U.S. Environmental Protection Agency (EPA) under FIFRA. It is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard communication information required for safety data sheets and from workplace labeling requirements for non-pesticide chemicals. The following hazard information is provided to reflect the pesticide label language:

**PRECAUTIONARY STATEMENTS**

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION:**

Causes moderate eye irritation

Harmful if inhaled

Avoid breathing vapor

Harmful if swallowed

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

Remove contaminated clothing and wash before reuse.

SARA: No reportable components

CERCLA: Not listed

TSCA: Not regulated

**SECTION 16: Other information**

This SDS is based on the original SDS issued by Synthex Technologies Sp. z o.o. on 06/14/2022 and updated to reflect the distribution and responsibilities of Fresh Inset Solutions Inc.

The information provided in this Safety Data Sheet (SDS) is provided in good faith and believed to be accurate at the time of preparation of the SDS. However, Fresh Inset Solutions Inc. extends no warranties, makes no representations, and assumes no responsibility as to the accuracy, suitability, or completeness of such information. Additionally, Fresh Inset Solutions Inc. does not represent or guarantee that this information or product may be used without infringing the



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## MaTri Tablets

intellectual property rights of others. It is the users' own responsibility to determine the suitability of this information for their own particular use of this product.

This Safety Data Sheet (SDS) may provide more information than the product label but does not replace or modify the product labeling (attached to and accompanying the product container). The product SDS and the product label both provide important health, safety, and environmental information as required by the Occupational Safety and Health Act and OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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