



## F-Matic TWIST – Sweet Lemon

### S a f e t y D a t a S h e e t

#### Section 1: Identification of the substance or mixture and of the supplier

**Product Name:** F-Matic TWIST – Sweet Lemon  
**Sku #:** TW250  
**Synonyms/Other Means of Identification:** Air Deodorizer  
**Intended Use:** Air Freshener  
**Manufacturer:** F-Matic Inc.  
299 South Millpond Drive  
Lehi, Utah, 84043

**Emergency Contact:** Emergency Contact: US & Canada: 1-800-535-5053 | International 1-352-323-3500

#### Section 2: Hazard(s) Identification

##### Classification

H315 – Causes skin irritation. – Category 2  
H317 – May cause an allergic skin reaction. -- Category 2  
H319 – Causes serious eye irritation. Category 2  
H412 – Harmful to aquatic life with long lasting effects. – Category 3

##### Label Elements



##### **WARNING**

**Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.**

##### Precautionary Statement(s):

P261, Avoid breathing vapor or dust.  
P264, Wash hands and other contacted skin thoroughly after handling.  
P272, Contaminated work clothing should not be allowed out of the workplace.  
P273, Avoid release to the environment.  
P280, Wear protective gloves/eye protection/face protection.  
P302/352, IF ON SKIN: Wash with plenty of soap and water.  
P305/351 /338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333/313, If skin irritation or rash occurs: Get medical advice/attention.  
P337/313, If eye irritation persists: Get medical advice/attention.  
P362, Take off contaminated clothing and wash before reuse.

#### Section 3: Composition / Information on Ingredients

##### 3.1 Solution

N/A

### 3.2 Mixtures

#### Contains:

INGREDIENTS: The identity of the specific components of this mixture is proprietary information and regarded to be a trade secret, in accordance with the provisions of paragraph 1910.1200 of Title 29 of the Code of Federal Regulations. Please refer to section 2 for hazard identification

| Name                                      | CAS        | EC                   | REACH Registration No. | %       | Classification for (CLP) 1272/2008                                                |
|-------------------------------------------|------------|----------------------|------------------------|---------|-----------------------------------------------------------------------------------|
| PPG-2 METHYL ETHER                        | 34590-94-8 | 252-104-2            | 01-2119450011-60-xxxx  | 50-100% | -;-,-                                                                             |
| CITRAL                                    | 5392-40-5  | 226-394-6            | 01-2119462829-23-xxxx  | 20-<50% | SCI 2-EDI 2-SS 1; H315-H317-H319,-                                                |
| LINALOOL                                  | 78-70-6    | 201-134-4            | 01-2119474016-42-xxxx  | 20-<50% | SCI 2-SS 1B;H315-H317,-                                                           |
| DECANAL                                   | 112-31-2   | 203-957-4            |                        | 5-<10%  | ED1 2-EH C3;H319-H412,-                                                           |
| ISOAMYL BUTYRATE                          | 106-27-4   | 203-380-8            |                        | 5-<10%  | FL 3-EH C2;H226-H411,-                                                            |
| HOMOGERANYL NITRILE                       | 61792-11-8 | 263-214-5            | 01-2119967769-11-xxxx  | 1-<5%   | EH C2;H411,-                                                                      |
| CIS-2-TERT-BUTYLCYCLOHEXYL ACETATE        | 20298-69-5 | 243-718-1            | 01-2119970713-33-xxxx  | 1-<5%   | EH C2;H411,-                                                                      |
| GAMMA UNDECALACTONE                       | 104-67-6   | 203-225-4            |                        | 1-<5%   | EH C3;H412,-                                                                      |
| 2,4,6-TRIMETHYL-4-PHENYL-1,3-DIOXANE      | 5182-36-5  | 225-963-6            | 01-2120736310-68-xxxx  | 1-<5%   | ATO 4-EH C3;H302-H412,-                                                           |
| ETHYL HYDROXYPYRONE                       | 4940-11-8  | 225-582-5            |                        | 1-<5%   | ATO 4;H302,-                                                                      |
| 2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE | 68039-49-6 | 268-264-1            |                        | 1-<5%   | SCI 2-SS 1B-EH C2; H315-H317-H411,-                                               |
| CAMPHOR                                   | 76-22-2    | 200-945-0            |                        | 0.1-<1% | FS 2-ATO 4-ATI 4-SCI 2-EDI 1-STO-SE 2-EH C2;H228-H302-H315- H318-H332-H371-H411,- |
| EUGENOL                                   | 97-53-0    | 202-589-1            |                        | 0.1-<1% | EDI 2-SS 1B;H317-H319,-                                                           |
| EUCALYPTOL                                | 470-82-6   | 207-431-5            |                        | 0.1-<1% | FL 3-SS 1B;H226-H317,-                                                            |
| CITRONELLAL                               | 106-23-0   | 203-376-6            |                        | 0.1-<1% | SCI 2-EDI 2-SS 1B; H315-H317-H319,-                                               |
| CITRONELLYL METHYLCROTONATE               | 20770-40-5 | 244-019-4, 946-248-1 | 01-2120742577-46-xxxx  | 0.1-<1% | EH A1-EH C1;H410,-                                                                |
| TRANS-ROSE KETONE-1                       | 24720-09-0 | 246-430-4            |                        | 0.1-<1% | ATO 4-SS 1B-EH C2; H302-H317-H411,-                                               |

#### Substances with Community workplace exposure limits:

| Name               | CAS        | EC        | %       |
|--------------------|------------|-----------|---------|
| CAMPHOR            | 76-22-2    | 200-945-0 | 0.1-<1% |
| PPG-2 METHYL ETHER | 34590-94-8 | 252-104-2 | 50-100% |

**Substances that are endocrine disruptors according to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, greater than 0.1%:**

Not Applicable

**Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:**

Not Applicable

## **Section 4: First Aid Measures**

### **4.1 Description of first aid measures**

**IF ON SKIN:** Wash with plenty of soap and water.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

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

None expected, see Section 4.1 for further information.

**Skin Contact:** Wash with mild soap and water. If irritation or redness develops, seek medical attention.

### **Most important symptoms and effects**

**Acute:** Skin irritation

**Delayed:** None known

## **Section 5: Fire-Fighting Measures**

### **NFPA 704 Hazard Class**

**Health: 1      Flammability: 0      Instability: 0** (0-Minimal, 1-Slight, 2-Moderate, 3-Serious, 4-Severe)

### **HMIS®**

**Health: 1      Flammability: 0      Physical Haz: 0** (0-Minimal, 1-Slight, 2-Moderate, 3-Serious, 4-Severe, \* -Chronic)

**Extinguishing Media:** Use extinguishing media suitable for surrounding fire.

### **Specific Hazards Arising From the Chemical**

**Unusual Fire & Explosion Hazards:** No unusual fire or explosion hazards are expected. If container is not properly cooled, it can rupture in the heat of a fire.

**Hazardous Combustion Products:** Combustion may yield smoke, carbon monoxide, and other products of incomplete combustion.

**Special Protective Actions for Firefighters:** For fires beyond the initial stage, emergency responders in the immediate hazard area should wear protective clothing. When the potential chemical hazard is unknown, in enclosed or confined spaces, a self-contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8).

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. If this cannot be done, allow fire to burn. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Cool equipment exposed to fire with water, if it can be done.

## Section 6: Accidental Release Measures

**Personal Precautions:** Stay upwind and away from spill/release. Avoid direct contact with material. For large spillages, notify persons down-wind of the spill/release, isolate immediate hazard area and keep unauthorized personnel out. Wear appropriate protective equipment, including respiratory protection, as conditions warrant (see Section 8). See Sections 2 and 7 for additional information on hazards and precautionary measures.

**Environmental Precautions:** Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways. Use water sparingly to minimize environmental contamination and reduce disposal requirements. If spill occurs on water notify appropriate authorities and advise shipping of any hazard. Spills into or upon navigable waters, the contiguous zone, or adjoining shorelines that cause a sheen or discoloration on the surface of the water, may require notification of the National Response Center (phone number 800-424-8802).

**Methods for Containment and Clean-Up:** Notify relevant authorities in accordance with all applicable regulations. Immediate cleanup of any spill is recommended. Absorb spill with inert material such as sand or vermiculite, and place in suitable container for disposal. If spilled on water remove with appropriate methods (e.g. skimming, booms or absorbents). In case of soil contamination, remove contaminated soil for remediation or disposal, in accordance with local regulations.

Recommended measures are based on the most likely spillage scenarios for this material; however local conditions and regulations may influence or limit the choice of appropriate actions to be taken. See Section 13 for information on appropriate disposal.

## Section 7: Handling and Storage

**Precautions for safe handling:** Wear protective gloves. Wash thoroughly after handling. Use good personal hygiene practices and wear appropriate personal protective equipment (see section 8).

Do not enter confined spaces such as tanks or pits without following proper entry procedures such as ASTM D-4276 and 29CFR 1910.146. Do not wear contaminated clothing or shoes. Keep contaminated clothing away from sources of ignition such as sparks or open flames.

**Conditions for safe storage:** Keep away from any incompatible material (see Section 10). Protect container(s) against physical damage. Outdoor or detached storage is preferred. Indoor storage should meet OSHA standards and appropriate fire codes.

## Section 8: Exposure Controls / Personal Protection

**Note:** State, local or other agencies or advisory groups may have established more stringent limits. Consult an industrial hygienist or similar professional, or your local agencies, for further information.

**Engineering controls:** If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits, additional engineering controls may be required.

**Eye/Face Protection:** The use of eye protection that meets or exceeds ANSI Z.87.1 is recommended to protect against potential eye contact, irritation, or injury. Depending on conditions of use, a face shield may be necessary.

**Skin/Hand Protection:** The use of gloves impervious to the specific material handled is advised to prevent skin contact. Users should check with manufacturers to confirm the breakthrough performance of their products.

**Respiratory Protection:** Where there is potential for airborne exposure above the exposure limit a NIOSH certified air purifying respirator may be used.

A respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed whenever workplace conditions warrant a respirator's use. Air purifying respirators provide limited protection and cannot be used in

atmospheres that exceed the maximum use concentration (as directed by regulation or the manufacturer's instructions), in oxygen deficient (less than 19.5 percent oxygen) situations, or under conditions that are immediately dangerous to life and health (IDLH).

**Other Protective Equipment:** Eye wash and quick-drench shower facilities should be available in the work area. Thoroughly clean shoes and wash contaminated clothing before reuse.

**Suggestions provided in this section for exposure control and specific types of protective equipment are based on readily available information. Users should consult with the specific manufacturer to confirm the performance of their protective equipment. Specific situations may require consultation with industrial hygiene, safety, or engineering professionals.**

## Section 9: Physical and Chemical Properties

**Note:** Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm). Data represent typical values and are not intended to be specifications.

|                                                       |                                |
|-------------------------------------------------------|--------------------------------|
| <b>Appearance:</b>                                    | Clear colorless to pale yellow |
| <b>Physical Form:</b>                                 | Liquid                         |
| <b>Odor:</b>                                          | Pleasant fragrance             |
| <b>Odor Threshold:</b>                                | No data                        |
| <b>pH:</b>                                            | Not applicable                 |
| <b>Vapor Pressure:</b>                                | 0.16095375 mmHg                |
| <b>Relative Density:</b>                              | 0.9430 - 09470                 |
| <b>Initial Boiling Point/Range:</b>                   | No data                        |
| <b>Melting/Freezing Point:</b>                        | No data                        |
| <b>Solubility in Water:</b>                           | No data                        |
| <b>Partition Coefficient (n-octanol/water) (Kow):</b> | No data                        |
| <b>Specific Gravity (water=1):</b>                    | 0.829 to 0.944 @ 25 °C         |
| <b>Evaporation Rate (nBuAc=1):</b>                    | >1                             |
| <b>Flash Point:</b>                                   | 81 °C                          |
| <b>Test Method:</b>                                   | Not Known                      |
| <b>Lower Explosive Limits (vol % in air):</b>         | No data                        |
| <b>Upper Explosive Limits (vol % in air):</b>         | No data                        |
| <b>Auto-ignition Temperature:</b>                     | No data                        |

## Section 10: Stability and Reactivity

**Stability:** Stable under normal ambient and anticipated conditions of use.

**Conditions to Avoid:** Avoid high temperatures and all sources of ignition. Prevent vapor accumulation.

**Materials to Avoid (Incompatible Materials):** Avoid contact with strong oxidizing agents, acids. Caustics and acids.

**Hazardous Decomposition Products:** Not anticipated under normal conditions of use.

**Hazardous Polymerization:** Not known to occur.

## Section 11: Toxicological Information

### Information on Toxicological Effects of Substance/Mixture

| <u>Acute Toxicity</u> | <u>Hazard</u>          | <u>Additional Information</u> | <u>LC50/LD50 Data</u> |
|-----------------------|------------------------|-------------------------------|-----------------------|
| Inhalation            | Unlikely to be harmful | ---                           | Not Available         |

|                               |                        |     |               |
|-------------------------------|------------------------|-----|---------------|
| <b>Skin Absorption</b>        | Unlikely to be harmful | --- | Not Available |
| <b>Ingestion (Swallowing)</b> | Unlikely to be harmful | --- | Not Available |

**Aspiration Hazard:** Not anticipated.

**Skin Corrosion/Irritation:** Causes skin irritation. Repeated exposure may cause skin dryness or cracking.

**Serious Eye Damage/Irritation:** Causes mild eye irritation.

**Signs and Symptoms:** Effects of overexposure can include irritation of the nose, throat and respiratory tract.

**Skin Sensitization:** Although some fragrances may cause an allergic skin reaction, the information given to us does not indicate allergic reactions.

**Respiratory Sensitization:** No information available.

**Specific Target Organ Toxicity (Single Exposure):** Not expected to cause organ effects from exposure.

**Specific Target Organ Toxicity (Repeated Exposure):** Not expected to cause organ effects from repeated exposure.

**Carcinogenicity:** Not expected to cause cancer.

**Germ Cell Mutagenicity:** Not expected to cause heritable genetic effects.

**Reproductive Toxicity:** Not expected to cause reproductive toxicity.

**Other Comments:** None known

#### Information about hazardous ingredients in the mixture

| Ingredient                           | CAS       | EC        | LOSO/ATE Oral | LOSO/ATE Dermal | LCSO/ATE Inhalation | LCSO Route    |
|--------------------------------------|-----------|-----------|---------------|-----------------|---------------------|---------------|
| 2,4,6-TRIMETHYL-4-PHENYL-1,3-DIOXANE | 5182-36-5 | 225-963-6 | 1200          | Not available   | Not available       | Not available |
| ETHYL HYDROXYPYRONE                  | 4940-11-8 | 225-582-5 | 1200          | Not available   | Not available       | Not available |

#### Section 12: Ecological Information

##### 12.1 Toxicity

**Harmful to aquatic life with long lasting effects.**

Avoid release to the environment.

**12.2 Persistence and Degradability:** Not available.

**12.3 Bioaccumulative Potential:** Not available.

**12.4 Mobility in Soil:** Not available.

##### 12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**12.6 Other Adverse Effects:** None anticipated.

## Section 13: Disposal Considerations

**Industrial Setting:** The generator of a waste is always responsible for making proper hazardous waste determinations and needs to consider state and local requirements in addition to federal regulations.

This material, if discarded as produced, would not be a federally regulated RCRA "listed" or "characteristic" hazardous waste. See Sections 7 and 8 for information on handling, storage and personal protection and Section 9 for physical/chemical properties. It is possible that the material as produced contains constituents which are not required to be listed in the MSDS but could affect the hazardous waste determination. Additionally, use which results in chemical or physical change of this material could subject it to regulation as a hazardous waste.

**Household Setting:** Consumer may discard or recycle where facilities exist.

## Section 14: Transport Information

### -U.S. Department of Transportation (DOT)

*Aquatic toxicity studies indicate this material may be classified as a Marine Pollutant under IMDG Code. It is not currently regulated as a marine pollutant by the USDOT. If there is not a Shipping Description or other DOT marking, labeling, placarding and packaging references shown in this section, it is not regulated as a hazardous material by the USDOT*

**Shipping Name:** Not Regulated

## Section 15: Regulatory Information

### 15.1 Safety, Health and environmental regulation/legislation specific for substance or Mixture

None additional.

### 15.2 Chemical Safety Assessment

A chemical Safety Assessment has not been carried out for this product.

## Section 16: Other Information

|                                                |          |
|------------------------------------------------|----------|
| <b>Date of Issue:</b>                          | 07/16/24 |
| <b>Status:</b>                                 | Final    |
| <b>Previous Issue Date:</b>                    | 01/15/23 |
| <b>Revised Sections or Basis for Revision:</b> | 2 & 3    |

### **Disclaimer of Expressed and implied Warranties:**

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