

Issue Date 31-May-2017

Revision Date 31-May-2017

Version 1

## 1. IDENTIFICATION

### Product identifier

**Product Name** FIRMATA FIRM HOLD HAIR SPRAY

### Other means of identification

**Product Code** A1RP01000A

### Recommended use of the chemical and restrictions on use

**Recommended Use** Personal Care Product. For professional use only.

**Uses advised against** All other uses. Not for personal use in this form or concentration.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

The Estée Lauder Companies Inc.  
125 Pinelawn Road  
Melville, NY 11747

#### **Emergency telephone number**

#### **Company Phone Number**

#### **Emergency Telephone**

1-877-311-3883  
Chemtrec 1-800-424-9300  
Chemtrec International +1 703-741-5970

#### **E-mail address**

SDS@ESTEE.COM

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable liquids	Category 2
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### Label elements

#### **Danger**

#### **Hazard statements**

Highly flammable liquid and vapor



#### **Precautionary Statements - Prevention**

Keep away from heat/sparks/open flames/hot surfaces. — No smoking

Keep container tightly closed

Ground/bond container and receiving equipment

Use only non-sparking tools

Take precautionary measures against static discharge  
Wear protective gloves/protective clothing/eye protection/face protection

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other Information**

Unknown acute toxicity 0.4% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Mixture**

Chemical Name	CAS No.	Weight-%
ALCOHOL DENAT.	64-17-5	30 - 60*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**Description of first aid measures**

<b>General advice</b>	No hazards which require special first aid measures.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
<b>Skin contact</b>	Wash with soap and water. In the case of skin irritation or allergic reactions see a physician.
<b>Inhalation</b>	Remove to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Not an expected route of exposure. Clean mouth with water and drink afterwards plenty of water. Call a physician or poison control center immediately.
<b>Self-protection of the first aider</b>	Use personal protective equipment as required.

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

**Symptoms** None known.

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

**Note to physicians** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

Use CO<sub>2</sub>, dry chemical, or foam.

**Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

Sealed containers may rupture when heated.

**Explosion data****Sensitivity to Mechanical Impact** No information available.**Sensitivity to Static Discharge** No information available.**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Personal precautions** Remove all sources of ignition. Enact facility's spill response plan. Ensure adequate ventilation, especially in confined areas. Wear protective gloves/protective clothing and eye/face protection.

**Environmental precautions**

**Environmental precautions** Prevent product from entering drains. Dispose of contents/container to an approved waste disposal plant.

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

**Methods for containment** Prevent further leakage or spillage if safe to do so. Dike to collect large liquid spills. Collect spillage.

**Methods for cleaning up** Clean contaminated surface thoroughly.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Keep away from heat/sparks/open flames/hot surfaces. — No smoking. All equipment used when handling the product must be grounded. Take precautionary measures against static discharges. Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas. Do not eat, drink or smoke when using this product.

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

**Storage Conditions** Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep containers upright and tightly closed when not in use.

**Incompatible materials** Incompatible with oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines** The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
ALCOHOL DENAT. 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>

NIOSH IDLH *Immediately Dangerous to Life or Health*

**Appropriate engineering controls**

**Engineering Controls** Eyewash stations. Showers. Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Wear protective gloves and protective clothing.

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of equipment, work area and clothing is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

**Physical state** Liquid  
**Appearance** clear to sl. hazy thin liquid  
**Odor** fruity, floral, fresh, lemon- cts  
**Color** colorless to pale yellow- darkens with age

<u>Property</u>	<u>Values</u>
pH	5.7
Melting point/freezing point	No information available
Boiling point / boiling range	36 °C / 97 °F
Flash point	21 °C / 69 °F
Burn rate	Not applicable
Burn time	Not applicable
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure	No information available
Vapor density	No information available
Specific Gravity	.907
Water solubility	No information available
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available

**Other Information**

**Softening point** No information available  
**Molecular weight** No information available  
**VOC Content (%)** No information available  
**Density** No information available  
**Bulk density** No information available

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Extremes of temperature and direct sunlight.

**Incompatible materials**

Incompatible with oxidizing agents.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

<b>Product Information</b>	No data available
<b>Inhalation</b>	No data available.
<b>Eye contact</b>	No data available.
<b>Skin contact</b>	No data available.
<b>Ingestion</b>	No data available.

**Component Information**

Data within this section obtained from international chemical toxicological profiles.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
ALCOHOL DENAT. 64-17-5	= 7060 mg/kg ( Rat )	-	= 124.7 mg/L ( Rat ) 4 h

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Chronic toxicity</b>	May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects. Contains a known or suspected reproductive toxin.
<b>Target Organ Effects</b>	blood, Reproductive System, Central nervous system, Eyes, Respiratory system, liver, Skin.
<b>Aspiration hazard</b>	No information available.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document .

**12. ECOLOGICAL INFORMATION****Ecotoxicity****Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

**14. TRANSPORT INFORMATION****DOT**

<b>UN/ID no.</b>	UN1170
<b>Proper shipping name</b>	Ethanol solutions
<b>Hazard Class</b>	3
<b>Packing Group</b>	II
<b>Special Provisions</b>	24, IB2, T4, TP1
<b>Description</b>	UN1170, Ethanol solutions, 3, II,
<b>Emergency Response Guide Number</b>	127

**TDG**

<b>UN/ID no.</b>	UN1170
<b>Proper shipping name</b>	Ethanol solution
<b>Hazard Class</b>	3
<b>Packing Group</b>	II
<b>Description</b>	UN1170, Ethanol solution, 3, II

**MEX**

<b>UN/ID no.</b>	UN1170
<b>Proper shipping name</b>	Ethanol in solution
<b>Hazard Class</b>	3
<b>Packing Group</b>	II
<b>Description</b>	UN1170, Ethanol in solution, 3, II

**ICAO (air)**

<b>UN/ID no.</b>	UN1170
<b>Proper shipping name</b>	Ethanol solution
<b>Hazard Class</b>	3
<b>Packing Group</b>	II
<b>Special Provisions</b>	A180, A3, A58
<b>Description</b>	UN1170, Ethanol solution, 3, II

**IATA**

<b>UN/ID no.</b>	UN1170
<b>Proper shipping name</b>	Ethanol solution
<b>Hazard Class</b>	3
<b>Packing Group</b>	II
<b>ERG Code</b>	3L
<b>Special Provisions</b>	A180, A3, A58

**IMDG**

**UN/ID no.** UN1170  
**Proper shipping name** Ethanol solution  
**Hazard Class** 3  
**Packing Group** II  
**EmS-No.** F-E, S-D  
**Special Provisions** 144  
**Description** UN1170, Ethanol solution, 3, II

**RID**

**UN/ID no.** UN1170  
**Proper shipping name** Ethanol solution  
**Hazard Class** 3  
**Packing Group** II  
**Classification code** F1  
**Description** UN1170, Ethanol solution, 3, II  
**Labels** 3

**ADR**

**UN/ID no.** UN1170  
**Proper shipping name** Ethanol solution  
**Hazard Class** 3  
**Packing Group** II  
**Classification code** F1  
**Tunnel restriction code** (D/E)  
**Special Provisions** 144, 601  
**Description** UN1170, Ethanol solution, 3, II, (D/E)  
**Labels** 3

**ADN**

**UN/ID no.** UN1170  
**Proper shipping name** Ethanol solution  
**Hazard Class** 3  
**Packing Group** II  
**Classification code** F1  
**Special Provisions** 144, 601  
**Description** UN1170, Ethanol solution, 3, II  
**Hazard label(s)** 3  
**Limited quantity (LQ)** 1 L  
**Ventilation** VE01

<b>15. REGULATORY INFORMATION</b>
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**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (Clean Water Act)**

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
EDTA 60-00-4	5000 lb	-	-	X

**CERCLA**

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
SAFROLE 94-59-7	100 lb	-	RQ 100 lb final RQ RQ 45.4 kg final RQ
EDTA	5000 lb	-	RQ 5000 lb final RQ

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60-00-4			RQ 2270 kg final RQ
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**US State Regulations****U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
ALCOHOL DENAT. 64-17-5	X	X	X

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

Revision Date 31-May-2017

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**