1. PRODUCT IDENTIFICATION

1.1 Product Name:
EUFORA FRIZZ CONTROL FINISHING SPRAY

1.2 Chemical Name:
AEROSOL

1.3 Synonyms:
NA

1.4 Trade Names:
EUFORA FRIZZ CONTROL FINISHING SPRAY

1.5 Product Use:
COSMETIC AND SUNDRY USE ONLY

1.6 Distributor's Name:
EUFORA INTERNATIONAL, INC.

1.7 Distributor's Address:
3215 EXECUTIVE RIDGE, VISTA, CA 92081 USA

1.8 Emergency Phone:
CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-3887

1.9 Business Phone:
+1 (800) 638-3672 / +1 (760) 431-9199

2. HAZARD IDENTIFICATION

2.1 Hazard Identification:
This product is Classified as a HAZARDOUS SUBSTANCE and as a DANGEROUS GOODS according to the classification criteria of [NOHSC: 1008 (2004)] and ADG Code (Australia). WARNING. Flammable aerosol.

Hazard Statements (H):
- H223 – Flammable aerosol.

Precautionary Statements (P):
- P210 – Keep away from heat/sparks/open flames/hot surfaces – No Smoking.
- P211 – Do not spray on an open flame or other ignition sources.
- P251 – Pressurized container – do not pierce or burn, even after use.
- P410 + P412 – Protect from sunlight. Do not expose to temperatures exceeding 50 °C (122 °F)

2.2 Routes of Entry:
Inhalation: YES
Absorption: YES
Ingestion: YES

2.3 Effects of Exposure:
INGESTION: May cause a burning sensation of the mouth and throat, abdominal pain, gastrointestinal irritation, nausea, vomiting and diarrhea. May also cause kidney damage, cardiac arrhythmia and Central Nervous System effects (see inhalation). Aspiration of material into the lungs may cause chemical pneumonitis, which can be fatal. Can be fatal if inhaled or ingested.

EYES: May cause irritation, redness and tearing. Vapors may be irritating to the eyes.

SKIN: May cause irritation, defatting, drying and cracking of skin. Prolonged and repeated contact may lead to dermatitis.

INHALATION: Vapors may be irritating to nose, throat and respiratory tract. Excessive inhalation of vapors may cause kidney damage, cardiac arrhythmia and Central Nervous System effects including dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.

2.4 Symptoms of Overexposure:
EYES: Contact may cause mild eye irritation including stinging, watering and redness

SKIN: Symptoms of skin overexposure may include redness, itching, and irritation of affected areas.

INHALATION: Symptoms of overexposure can include coughing, wheezing, nasal congestion, and difficulty breathing, drowsiness, dizziness, headaches, nausea, fatigue, weakness, mental confusion, mood disturbances and decreased coordination.

2.5 Acute Health Effects:
EYES: Slight irritation to eyes near affected areas.

SKIN: Slight irritation to skin near affected areas.

INHALATION: Inhalation of concentrated vapors can cause central nervous system depression (e.g., drowsiness, dizziness, headaches, nausea) headache, fatigue, weakness, mental confusion, mood disturbances and decreased coordination or impaired judgment.

2.6 Chronic Health Effects:
No harmful or chronic health effects are expected to occur from a single accidental ingestion. Intentional and continuous ingestion can cause serious effects on liver and kidneys. Contains denatured alcohol.

2.7 Target Organs:
Eyes, skin & respiratory system.

NA = Not Available; ND = Not Determined; NE = Not Established; NF = Not Found; C = Ceiling Limit; See Section 16 for Additional Definitions of Terms Used

NOTE: all WHMIS required information is included. It is located in appropriate sections based on the ANSI Z400.1-2010 format.
## 3. COMPOSITION & INGREDIENT INFORMATION

<table>
<thead>
<tr>
<th>CHEMICAL NAME(S)</th>
<th>CAS No.</th>
<th>RTECS No.</th>
<th>EINECS No.</th>
<th>%</th>
<th>EXPOSURE LIMITS IN AIR (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ACGIH ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TLV</td>
</tr>
<tr>
<td>Denatured Alcohol</td>
<td>64-17-5</td>
<td>KQ6300000</td>
<td>200-578-6</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Hydrofluorocarbon 152a</td>
<td>75-37-6</td>
<td>KJ1410000</td>
<td>200-866-1</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Octylacrylamide/Acrylates/Butylaminoethyl Methacrylate Copolymer</td>
<td>70801-07-9</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Aminomethyl Propanol</td>
<td>124-68-5</td>
<td>UA9590000</td>
<td>204-709-8</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Phenyl Trimethicone</td>
<td>2116-84-9</td>
<td>NA</td>
<td>218-320-6</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Triethyl Citrate</td>
<td>77-93-0</td>
<td>GE8050000</td>
<td>201-070-7</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Pentaerythritol Tetracaprylate/Tetracaprate</td>
<td>68441-68-9</td>
<td>NA</td>
<td>270-472-2</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Quaternium-52</td>
<td>58069-11-7</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Benzophenone-3</td>
<td>131-57-7</td>
<td>NA</td>
<td>205-031-5</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Ethylhexyl Methoxydianemate</td>
<td>5466-77-3</td>
<td>NA</td>
<td>226-775-7</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Propylene Glycol</td>
<td>57-55-6</td>
<td>TY2000000</td>
<td>200-338-0</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Aloe Barbadensis Leaf Extract</td>
<td>85507-69-3</td>
<td>NA</td>
<td>287-390-8</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Citrus Aurantium Dulcis (Orange) Peel Oil</td>
<td>90045-43-5</td>
<td>NA</td>
<td>289-904-6</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Citrus Grandis (Grapefruit) Peel Oil</td>
<td>90045-43-5</td>
<td>NA</td>
<td>289-904-6</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Citrus Limon (Lemon) Peel Oil</td>
<td>92346-89-9</td>
<td>NA</td>
<td>296-174-2</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Geranium Maculatum Oil</td>
<td>84650-10-2</td>
<td>NA</td>
<td>283-491-6</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Vanilla Planifolia Fruit Extract</td>
<td>84650-63-5</td>
<td>NA</td>
<td>283-521-8</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Dipterix Odorata Seed Extract</td>
<td>90028-06-1</td>
<td>NA</td>
<td>289-793-4</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Vetiveria Zizanoides Root Oil</td>
<td>84238-29-9</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Quaternium-95</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Propandiol</td>
<td>504-63-2</td>
<td>NA</td>
<td>207-997-3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Bertiolletia Excelsa (Brazil Nut) Seed Oil</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Limonene</td>
<td>5989-27-5</td>
<td>GW6360000</td>
<td>227-813-5</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Geraniol</td>
<td>106-24-1</td>
<td>RG5830000</td>
<td>203-377-1</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Citronellol</td>
<td>106-22-9</td>
<td>RH3400000</td>
<td>203-375-0</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Coumarin</td>
<td>91-64-5</td>
<td>RG5075000</td>
<td>202-086-7</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Citral</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

**Allergens:**
- Geraniol
- Citronellol
- Coumarin
- Citral

**Allergen:**
- Limonene
- Allergen
4. FIRST AID MEASURES

4.1 First Aid:

INGESTION: DO NOT INDUCE VOMITING. Contact the nearest Poison Control Center or local emergency telephone number for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim’s head lowered (forward) to reduce the risk of aspiration.

EYES: If product gets in the eyes, flush eyes thoroughly with copious amounts of water for at least 15 minutes, holding eyelid(s) open to ensure complete flushing. If irritation persists, seek medical attention.

SKIN: Remove contaminated clothing and wash affected areas with soap and water. If irritation persists, seek prompt medical attention. Do not wear contaminated clothing until after it has been properly cleaned.

INHALATION: Remove victim to fresh air at once.

4.2 Medical Conditions Aggravated by Exposure:

None reported by the manufacturer.

5. FIREFIGHTING MEASURES

5.1 Flashpoint & Method:

≤ 22°C (71°F) – estimated

5.2 Autoignition Temperature:

NA

5.3 Flammability Limits:

Lower Explosive Limit (LEL): NA
Upper Explosive Limit (UEL): NA

5.4 Fire & Explosion Hazards:

Level 2 Aerosol (NFPA 30B). Aerosols may burst at temperatures above 120 °F. Cool uninvolved containers to prevent possible bursting. Aerosols may be projectile hazards when bursting. If aerosols are bursting, stay clear until bursting is complete.

5.5 Extinguishing Methods:

Water Fog, Foam, Dry Chemical, CO₂

5.6 Firefighting Procedures:

As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Avoid spraying water directly into storage containers because of danger of boil over. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.

6. ACCIDENTAL RELEASE MEASURES

6.1 Spills:

SMALL SPILLS: Secure spill area, and maximize ventilation. Stop spill at source if safely possible. Deny entry to all unprotected individuals. Individuals involved in the cleanup must wear appropriate personal protective equipment. It is recommended that measures be taken to monitor the spill area in the event that TLV levels exceed the exposure limits.

LARGE SPILLS: Secure spill area, and maximize ventilation. Stop spill at source if safely possible. Deny entry to all unprotected individuals. Individuals involved in the cleanup must wear appropriate personal protective equipment. It is recommended that measures be taken to monitor the spill area in the event that TLV levels exceed the exposure limits. Keep sources of ignition and hot metal surfaces isolated from spill. Stay upwind and away from spill or release. Water may be useful in minimizing or dispersing vapors. Keep out of water supplies.

MITIGATION and DISPOSAL: Recover spill material and place into appropriate container(s) for disposal. Contact appropriate local, state and federal authorities for assistance and/or requirements.
7. HANDLING & STORAGE INFORMATION

7.1 Work & Hygiene Practices:
Do not eat, drink or smoke when handling this product. Contents under pressure. Handle as to avoid puncturing container(s). When used as intended, no additional protective equipment is necessary. Use chemical goggles if eye contact is possible. Wash unintentional residues with soap and warm water. Avoid eye contact.

7.2 Storage & Handling:
Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans) away from heat and direct sunlight. Avoid temperatures above 120 °F. Keep away from incompatible substances. Protect containers from physical damage. To avoid unintentional spraying keep cap in place when not in use.

7.3 Special Precautions:
Spilled material may present a slipping hazard if left unattended. Clean all spills promptly.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 Ventilation & Engineering Controls:
General mechanical (e.g., fans) or natural ventilation is sufficient when this product is in use. Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product.

8.2 Respiratory Protection:
None required if used in a well-ventilated area. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrants a respirator's use.

8.3 Eye Protection:
Avoid eye contact. None required under normal conditions of use. Use approved safety glasses or goggles when working with spill materials.

8.4 Hand Protection:
None required under normal conditions of use. However, may cause skin irritation in some sensitive individuals. When handling large quantities (e.g., ≥ 1 gallon) or spilled material, wear rubber or impervious plastic gloves.

8.5 Body Protection:
No apron required when handling small quantities. When handling large quantities (e.g., ≥ 1 gallon) or spilled material, eye wash stations and deluge showers should be available.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Density: 0.815 (water = 1)
9.2 Boiling Point: < 100 °F (380 °C)
9.3 Melting Point: NA
9.4 Evaporation Rate: NA
9.5 Vapor Pressure: 55-65 psig @ 70 °F
9.6 Molecular Weight: NA
9.8 Odor Threshold: NA
9.9 Solubility: Soluble in water
9.10 pH: ND
9.11 Viscosity: NA
9.12 Other Information: VOC: ≤ 55.0%

10. STABILITY & REACTIVITY

10.1 Stability:
This product is stable.

10.2 Hazardous Decomposition Products:
Oxides of carbon (CO, CO2) and sulfur (SO2)

10.3 Hazardous Polymerization:
Will not occur.

10.4 Conditions to Avoid:
Open flames, sparks, high heat and direct sunlight.

10.5 Incompatible Substances:
None known.
11. TOXICOLOGICAL INFORMATION

11.1 Toxicity Data:
This product has not been tested on animals to obtain toxicological data.

11.2 Acute Toxicity:
See Section 2.5.

11.3 Chronic Toxicity:
See Section 2.6

11.4 Suspected Carcinogen:
No

11.5 Reproductive Toxicity:
This product is not reported to cause reproductive toxicity in humans.

Mutagenicity:
This product is not reported to produce mutagenicity effects in humans.

Embryotoxicity:
This product is not reported to produce embryotoxic effects in humans.

Teratogenicity:
This product is not reported to cause teratogenic effects in humans.

Reproductive Toxicity:
This product is not reported to cause reproductive effects in humans.

11.6 Irritancy of Product:
See Section 2.3

11.7 Biological Exposure Indices:
NE

11.8 Physician Recommendations:
Treat symptomatically.

12. ECOLOGICAL INFORMATION

12.1 Environmental Stability:
This product will slowly volatilize from soil. Components of this product will slowly decompose into organic compounds.

12.2 Effects on Plants & Animals:
There is no specific data available for this product.

12.3 Effects on Aquatic Life:
There is no specific data available for this product.

13. DISPOSAL CONSIDERATIONS

13.1 Waste Disposal:
Dispose of in accordance with Federal, state and local regulations.

13.2 Special Considerations:
NA
### 14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

<table>
<thead>
<tr>
<th>Mode of Transportation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1 49 CFR (GND)</td>
<td>UN1950, AEROSOLS, 2.1, LTD QTY</td>
</tr>
<tr>
<td>14.2 IATA (AIR)</td>
<td>UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD QTY</td>
</tr>
<tr>
<td>14.3 IMDG (OCN)</td>
<td>UN1950, AEROSOLS, 2.1, LTD QTY</td>
</tr>
<tr>
<td>14.4 TDGR (Canadian GND)</td>
<td>UN1950, AEROSOLS, 2.1, LTD QTY</td>
</tr>
<tr>
<td>14.5 ADR/RID (EU)</td>
<td>UN1950, AEROSOLS, 2.1, LTD QTY</td>
</tr>
<tr>
<td>14.6 SCT (MEXICO)</td>
<td>UN1950, AEROSOLES, 2.1, CANTIDAD LIMITADA</td>
</tr>
<tr>
<td>14.7 ADGR (Australia)</td>
<td>UN1950, AEROSOLS, 2.1, LTD QTY</td>
</tr>
</tbody>
</table>

### 15. REGULATORY INFORMATION

15.1 U.S. EPA SARA Title III Reporting Requirements: NA

15.2 U.S. EPA SARA Title III Threshold Planning Quantity (TPQ): 1,1-DIFLUOROETHANE: 10,000 lbs (4,536 kg)

15.3 U.S. TSCA Inventory Status: All chemical substances of this product are listed on the TSCA inventory or are otherwise exempted from inventory status.

15.4 U.S. CERCLA Reportable Quantity (RQ): NA

15.5 Other U.S. Federal Requirements: This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics). Clean Air Act: This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depletors. This material does not contain any Class 2 Ozone depletors. Clean Water Act: None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

15.6 Other Canadian Regulations: This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List.

15.7 U.S. State Regulatory Information: Ethanol can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, and Massachusetts. California Prop 65: No Significant Risk Level. Propylene Glycol can be found on the following state criteria list(s): Minnesota, Pennsylvania.

16. OTHER INFORMATION

16.1 Other Information:
FLAMMABLE! Keep away from heat or flame. Use only as directed. Do not ingest. If swallowed, do not induce vomiting; seek medical attention. Avoid eye contact. KEEP OUT OF REACH OF CHILDREN.

16.2 Terms & Definitions:
Please see last page of this MSDS.

16.3 Disclaimer:
This Material Safety Data Sheet is offered pursuant to OSHA’s Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Eufora International's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.

16.4 Prepared for:
Eufora International, Inc.
3215 Executive Ridge
Vista, CA. 92081 USA
+1 (760) 431-9199 phone
+1 (760) 431-9904 fax
http://www.eufora.net

16.5 Prepared by:
ShipMate, Inc.
P.O. Box 787
Sisters, OR. 97759-0787
+1 (310) 370-3600 phone
+1 (310) 370-5700 fax
http://www.shipmate.com
A large number of abbreviations and acronyms appear on a MSDS. Some of these that are commonly used include the following:

### GENERAL INFORMATION:
- **CAS No.** Chemical Abstract Service Number
- **ACGIH** American Conference on Governmental Industrial Hygienists
- **OSHA** U.S. Occupational Safety and Health Administration
- **TLV** Threshold Limit Value
- **IDLH** Immediately Dangerous to Life and Health

### EXPOSURE LIMITS IN AIR:
- **LC50** Lethal concentration (gases) which kills 50% of the exposed animal
- **LD50** Lethal Dose (solids & liquids) which kills 50% of the exposed animal

### FIRST AID MEASURES:
- **CPR** Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.

### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARDS</th>
<th>PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
<td>Consult your supervisor or SOPs for special handling directions.</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

### PERSONAL PROTECTION RATINGS:
- **A** Safety Glasses
- **B** Respirator
- **C** Rubber Gloves
- **D** Synthetic Apron
- **E** Full Suit
- **F** Dust Respirator

### OTHER STANDARD ABBREVIATIONS:
- **NA** Not Available
- **NB** No Results
- **NE** Not Established
- **ND** Not Determined
- **ML** Maximum Limit
- **ML** Self-Contained Breathing Apparatus

### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

### FLAMMABILITY LIMITS IN AIR:
- **Autoignition Temperature** Minimum temperature required to initiate combustion in air with no other source of ignition
- **LEL** Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
- **UEL** Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

### REGULATORY INFORMATION:
- **WHMIS** Canadian Workplace Hazardous Material Information System
- **DOT** U.S. Department of Transportation
- **TC** Transport Canada
- **EPA** U.S. Environmental Protection Agency
- **DSL** Canadian Domestic Substance List
- **NDSL** Canadian Non-Domestic Substance List
- **FSL** Canadian Priority Substances List
- **TSCA** U.S. Toxic Substances Control Act
- **EU** European Union (European Union Directive 67/548/EEC)
- **WGK** Wassergefährdungsklassen (German Water Hazard Class)

### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

### EC (67/548/EEC) INFORMATION:

### CLP/GHS (1272/2008/EC) PICTOGRAMS: