



## Material Safety Data Sheet

---

### Section 01 – Product Identification

---

TIGI Linea, LP  
1655 Waters Ridge Dr.  
Lewisville, TX 75057  
469 528-4300  
800 259-8596

In case of medical emergencies, please contact your local poison control center.  
Transportation Emergency Telephone: US & North America: 1800 424-9300  
International: (703) 527-3887

Product Class: Hair Spray

Original Date: 5-Sept-08

Trade Name: **TIGI Rockaholic Fun Times Flexible Hairspray**

---

### Section 02 – Composition/Information on Ingredients

---

<u>Ingredient</u>	<u>CAS No</u>	<u>Percent</u>	<u>Hazardous</u>
1,1-Difluoro-Ethane	75-37-6	39.0%	Yes
Ethanol	64-17-5	54.5%	Yes

---

### Section 03 – Hazards Identification

---

#### Potential Health Effects

**Eye Contact:** Direct contact of product with eye may cause irritation, and may result in irreversible damage.

**Skin Contact:** Not Known.

**Inhalation:** Not Known.

**Ingestion:** If ingested, may cause nausea and vomiting. If in aerosol form, ingestion is not likely.

---

### Section 04 – First Aid

---

**Eye Contact:** If irritation or redness due to vapors develop, move victim away from exposure and into fresh air. If material gets into the eyes, flush eyes immediately with clean water for at least 15 minutes. If available, use eye-cups or eye wash fountain. If symptoms persist, get medical attention.

**Skin Contact:** Clean affected areas with mild soap and water. Remove contaminated clothing, including shoes, and launder before reuse or discard.

---

**Section 04 – First Aid (continued)**

---

**Inhalation:** If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, get medical attention. If victim is not breathing immediately begin artificial respiration. Get medical attention.

**Ingestion:** Product is not likely to be ingested, If this occurs, treat systematically. Never give fluids or induce vomiting if the victim is unconscious or having convulsions.

---

**Section 05 – Fire Fighting Measures**

---

**Flash Point:** -30 ° F TCC (Propellant Only); Concentrate 36 ° F (EPA Method 1010)

**Autoignition Temperature:** NA

**Flammability Limits in Air (% V):** LEL = 1.8%; UEL = 9.5%

**Extinguishing Media:** carbon Dioxide, Foam, Dry Chemical, Water

**Special Fire Fighting Procedures:** Keep containers cool by spraying them with water until the fire has been extinguished.

**Usual fire & Explosion Hazards:** Containers may rupture and release flammable liquids and/or gasses if exposed to the heat of fire.

---

**Section 06 – Accidental Release Measures**

---

**Spill on Land (Large Spill):** Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without risk. Minimize breathing of vapors. Minimize skin contact. Ventilate confined spaces. For small spills implement the following clean up procedures: Prevent material from entering sewers, watercourses, or low areas. Contain spilled material with sand or earth. Do not use combustible materials such as sawdust. Observe precautions for volatile, combustible vapors from absorbed material. For large spills implement the preceding cleanup procedures and, if in public area, keep public away and advise authorities. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

**Spill on Water (Large Spill):** Eliminate sources of ignition. Warn occupants and shipping in surrounding and downwind areas of fire and explosion hazard and request all to stay clear. Remove from surface by skimming or scooping up floating material. Consult an expert on disposal of recovered material and ensure conformity to local regulations.

**Small Spills:** Leaking containers should be placed in open containers, outdoors, away from any source of ignition, until all pressure has been released.

---

**Section 07 – Storage & Handling**

---

**Storage Temperature:** Ambient

**Storage/Transport Pressure:** 180 psig @ 131 ° F Max

**Loading/Unloading Temperature:** Ambient

**Storage and Handling:** Keep container closed. Handle and open containers with care. Store in a cool, well ventilated place away from incompatible materials. DO NOT handle or store near an open flame, heat, or other source of ignition. DO NOT pressurize, cut, heat, or weld empty containers. DO NOT reuse containers.

---

**Section 08 – Exposure Controls/Personal Protection**

---

**Respiratory Protection:** None Required

**Ventilation:** Normal ventilation adequate for recommended uses.

**Protective Clothing:** Not necessary except as a good industrial practice.

**Eye Protection:** Not necessary except as a good industrial practice.

**Other Precautions:** Avoid excessive inhalation. Read and follow all label directions and cautions. Use only as directed.

---

**Section 09 – Physical and Chemical Properties**

---

**Appearance:** Clear Solution, Pale Yellow

**State:** Aerosol

**Odor:** Fruity Alcohol to Match Standard

**Percent Volatile:** 55 %

**Specific Gravity:** 0.768 – 0.868

**Viscosity:** Aerosol @ ambient

**Evaporation:** > 1

**Vapor Pressure mm Hg @ 20 ° C:** Can pressure not to exceed psig @ 131 ° F

**Boiling Point:** Unknown

**Vapor Density (Air=1):** >1

**Solubility in Water:** Soluble.

---

**Section 10 – Reactivity**

---

**Stability:** Stable under normal conditions of storage and handling

**Conditions to Avoid Instability:** Do not store containers in direct sunlight or where conditions will heat them above 120 ° F

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid Hazardous Polymerization:** Not Applicable.

**Materials and Conditions to Avoid Incompatibility:** None Known.

---

**Section 11 – Toxicological Information**

---

No specific toxicological data is available for this product. Please refer to Section III for available information on potential health effects.

---

**Section 12 – Ecological Information**

---

No specific ecological data are available for this product. Please refer to section VI for information regarding accidental releases and Section XV for regulatory reporting information.

Section 13 – Disposal Considerations

All recovered material should be packaged, labeled, transported, disposed and reclaimed in conformance with local, county, state, and federal regulations. May be disposed of by controlled incineration. Do not contaminate any lakes, streams, ponds, or underground water supplies. Empty containers may be disposed of as normal refuse. Please recycle whenever possible.

Section 14 – Transport Information

<b>U.S. DOT Proper Shipping Name:</b>	Consumer Commodity
<b>U.S. DOT Hazard Class:</b>	ORM-D
<b>U.S. DOT Labels Required:</b>	None
<b>U.S. DOT Placards Required:</b>	None
<b>Emergency Response Guide Number:</b>	NAERG# 171

<b>IATA Proper Shipping Name:</b>	Consumer Commodity ORM-D (Domestic) Aerosol, Flammable, N.O.S., UN1950 (Export)
<b>IATA Hazard Class:</b>	2.1
<b>IATA Labels Required:</b>	Consumer Commodity ORM-D-Air (Domestic) Flammable Gas (Export)
<b>Bill of Landing Description:</b>	Consumer Commodity ORM-D-Air, 9, ID8000 (Domestic) Aerosols, Flammable, N.O.S., 2.1, UN1950 (Export)
<b>UN/NA Code:</b>	NA (Domestic) UN 1950 (Export)
<b>Packing Instructions:</b>	910 (Domestic) 203/Y203 (export) Auhorization: Limited Quantity
<b>Emergency Response Guide Number:</b>	126
<b>Emergency Response Number:</b>	CHEMTREC (800) 424-9300

<b>IMDG Proper Shipping Name</b>	Aerosols
<b>IMDG Hazard Class:</b>	2.1
<b>IMDG Labels Required:</b>	Carton must be marked "Aerosols"
<b>IMDG Secondary Labels Required:</b>	Hollow diamond with UN1950 Marked in Center
<b>IMDG Placards Required:</b>	None
<b>Bill of Lading Description:</b>	Aerosols, 2, UN1950
<b>Marine Pollutant:</b>	No
<b>Emergency Response Guide Number:</b>	126
<b>EMS Number:</b>	2-13
<b>MFAG Number:</b>	620
<b>IMDG Page Number:</b>	2102
<b>UN/NA Code:</b>	UN1950
<b>Emergency Telephone Number:</b>	CHEMTREC (800) 424-9300

---

 Section 15 – Regulatory Information
 

---

**TSCA:** Components of this product are listed on the Toxic Substances Control Act (TSCA) Inventory

**SARA Title II, Section 311-312:** Acute, Fire, Sudden Release (1, 1-Difluoro-Ethane) Acute and Fire Hazard (1,1-Difluoro-Ethane, Ethanol)

**SARA Title III, Section 313:** None noted

**California Proposition 65:** Not Regulated.

---

 Section 16 – Other Information
 

---

Hazard Rating System: This information is for people trained in: National Paint & Coatings Association's (NPCA) Hazardous Material Identification System (HMIS) and/or National Fire Protection Association (NFPA 704) Identification of the Fire Hazard of Materials.

**NPCA-HMIS NFPA 704 Key: NPCA-HMIS/NFPA 704**

Health:	1	NA	4= Severe/Extreme	
Flammability	4	NA	3= Serious/High	1= Slight/Slight
Reactivity	1	NA	2= Moderate/Moderate	0=Minimal/Insignificant

**Explanation of Abbreviations:**

ACGIH – American Conference of Governmental Industrial Hygienists

CAS # - Chemical Abstract System No

DOT – Department of Transportation

IMDG – International Maritime Dangerous Goods Code

NA – Not Applicable

ND – Not Determined

NFPA – National Fire Protection Association

OSHA – Occupational Safety and Health Administration

PEL – Permissible Exposure Limits

ppm – Parts Per Millions

PMCC – Pensky-Martin Closed Cup (flash point)

SARA – Superfund Amendments and Reauthorization Act Title I, II, III

TLV – Threshold Limit Value

This MSDS has been formatted to be consistent with ANSI Standard Z400.1 - 1993

**DISCLAIMER:** This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by the manufacture to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. The Manufacture assumes no responsibility for injury to the recipient or third persons or for any damage to any property resulting from misuse of the product.

Prepared by: TIGI