



# SAFETY DATA SHEET

TIGI Bed Head Foxy Curls Hi-Def Curl Spray

**1** **PRODUCT AND COMPANY IDENTIFICATION**

**Product name** : TIGI Bed Head Foxy Curls Hi-Def Curl Spray  
**Product type** : Hair Styling Product  
**Internal product code** : BN-010614-120-11

**Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses**

Industrial uses: Uses of substances as such or in preparations at industrial sites  
Consumer uses: Private households (= general public = consumers)  
Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

**Supplier's details** : TIGI Linea, Corp  
1655 Waters Ridge Dr.  
Lewisville, TX 75057  
USA

**Emergency telephone number (with hours of operation)** : Phone #: 469 528-4300 (Normal business hours)  
Emergency #: 800.259.8596 (24 hours)  
CHEMTREC #: 800-424-9300 or 703 527-3887 (24 hours, Transportation Emergencies)

**Consumer Information:**

For information regarding the use of this product by a consumer, please refer directly to the product label. This industrial SDS is provided for workplace employees, per US OSHA regulations. It contains recommendations for handling of this product in an occupational, or workplace, setting.

Any first aid or warnings that are applicable to consumer use are stated directly on the product label, in accordance with all applicable government regulations.



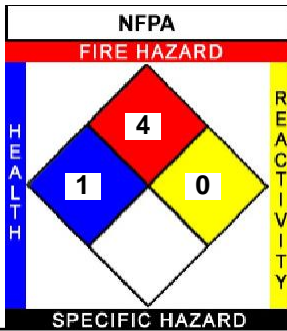
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### 2 HAZARDS IDENTIFICATION

NFPA:  
HMIS III:

Health = 1, Fire = 4, Reactivity = 0  
H\*1/F4/PH0



HMIS III	
HEALTH	1
FLAMMABILITY	4
PHYSICAL HAZARDS	0
PERSONAL PROTECTION A   Safety Glasses	

PERSONAL PROTECTION INDEX			
A	Goggles	G	Goggles + Gloves + Respirator
B	Goggles + Gloves	H	Respirator + Gloves + Goggles + Protective Clothing
C	Goggles + Gloves + Protective Clothing	I	Goggles + Gloves + Respirator
D	Goggles + Gloves + Protective Clothing + Respirator	J	Respirator + Gloves + Goggles + Protective Clothing
E	Goggles + Gloves + Respirator + Protective Clothing	K	Respirator + Gloves + Protective Clothing + Boots
F	Goggles + Gloves + Respirator + Protective Clothing + Boots	X	Consult your supervisor or S.C.P. for "SPECIAL" handling directions
A	Safety Glasses	n	Splash Goggles
o	Face Shield & Eye Protection	p	Gloves
q	Boots	r	Synthetic Apron
s	Full Suit		
t	Dust Respirator	u	Vapor Respirator
w	Dust & Vapor Respirator	y	Full Face Respirator
z	Airline Hood for Sounding		

GHS Signal Word:  
DANGER

GHS Hazard Pictograms:



GHS Classifications:

- Physical, Flammable Liquids, 2
- Health, Skin sensitization, 1
- Health, Serious Eye Damage/Eye Irritation, 2 A

GHS Phrases:

- H225 - Highly flammable liquid and vapor
- H317 - May cause an allergic skin reaction
- H319 - Causes serious eye irritation

GHS Precautionary Statements:

- P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
- P233 - Keep container tightly closed.
- P242 - Use only non-sparking tools.
- P243 - Take precautionary measures against static discharge.
- P264 - Wash skin thoroughly after handling.
- P302+352 - IF ON SKIN: Wash with soap and water.
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.



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P337+313 - If eye irritation persists: Get medical advice/attention.  
P370+378 - In case of fire: Use water spray, dry chemical, carbon dioxides or alcohol-resistant foam for extinction.  
P403+233 - Store in a well ventilated place. Keep container tightly closed.  
P405 - Store locked up.  
P501 - Dispose of contents/container to an approved waste disposal plant.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

#### Ingredients:

Cas #	Percentage	Chemical Name
N/A	<69%	Proprietary, non-hazardous, non-regulated
64-17-5	<30%	Ethanol
9005-64-5	<0.5%	Sorbitan, monododecanoate, poly(oxy-1,2-ethanediyl) derivs.
5989-27-5	<0.5%	d-Limonene

### 4 FIRST AID MEASURES

**Inhalation:** Generally this product does not present an inhalation hazard. If symptoms develop, move victim to fresh air. Give oxygen or artificial respiration if needed. If symptoms persist, obtain medical attention.  
**Skin Contact:** Generally this product does not irritate the skin. As a precaution, flush skin with water for at least 15

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**Eye Contact:** Flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Remove contact lenses if present and easy to do so. If irritation persists, obtain medical attention.  
**Ingestion:** Rinse mouth with water. Give 3-4 glasses of water or milk to dilute stomach contents. Do NOT induce vomiting unless instructed to do so. Never give anything by mouth to an unconscious person. If significant amounts are swallowed or irritation or discomfort occurs, seek immediate medical attention.

#### Most important symptoms and effects, both acute and delayed:

The most important known symptoms and effects are described in the labelling (see Section 2) and/or Section 11.

#### Indication of any immediate medical attention and special treatment needed:

No data available.

### 5 FIRE FIGHTING MEASURES

**Flammability:** Flammable Liquid Class IB  
**Flash Point:** 18.33 °C (65.00 °F)  
**Flash Point Method:** EPA Method 1010  
**Burning Rate:** No data available  
**Autoignition Temp:** No data available  
**LEL:** Not determined



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**UEL:** Not determined

**Extinguishing Media:**

Water Spray  
Carbon Dioxide  
Alcohol-Resistant Foam  
Dry Chemical

**Special Hazards Arising From the Substance or Mixture:**

Carbon Oxides  
Nitrogen Oxides (NOx)  
Sodium Oxides

**Advice for Firefighters:**

Firefighters should wear full-face, positive-pressure respirators.

**Further Information:**

If incinerated, may release toxic fumes.  
Use water spray to cool unopened containers.  
Do NOT use high volume water jet to extinguish fire, as the force of the water jet may cause fire to spread.  
Beware of vapors accumulating to form explosive concentrations.  
Vapors can accumulate in low areas.  
See Section 7 for more information on safe handling.  
See Section 8 for more information on personal protection equipment.  
See Section 13 for disposal information.

### ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Use personal protective equipment as required.  
Keep from contacting eyes.  
Avoid breathing vapors, mist or gas.  
Ensure adequate ventilation.  
Remove all sources of ignition.  
If any equipment is necessary, ensure that it is non-sparking and electrically-protected.

**Environmental Precautions:**

Prevent further release (leakage/spillage) if safe to do so.  
Do not allow product to enter drains.  
Do not allow to drain to environment.

**Methods and Materials for Containments and Cleaning Up:**

Ensure adequate ventilation.  
Contain spillage and absorb with liquid-binding material (sand, diatomite, universal binders, vermiculite) and placed in container for disposal.  
Collected waste should then be placed in container for disposal.  
Dispose of contaminated material according to Section 13.

**Reference to Other Sections:**

See Section 7 for information on safe handling.



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See Section 8 for information on personal protection equipment.

See Section 13 for information on proper disposal.

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### HANDLING AND STORAGE

**Handling Precautions:**

- Avoid breathing vapors or mist.
- Avoid contact with eyes.
- Keep containers closed when not in use.
- Do not expose containers to open flame, excessive heat, or direct sunlight.
- Keep away from sources of ignition.
- Do not smoke while using material.
- Take measures to prevent the buildup of electrostatic charge.
- Do not puncture or drop containers.
- Handle with care and avoid spillage on the floor (slippage).
- Keep material out of reach of children.
- Keep material away from incompatible materials.
- Wash thoroughly after handling.

**Storage Requirements:**

- Keep container tightly closed. Long-standing contact with air may oxidize and degrade material, evident by formation of surface films.
- Store in a well-ventilated place.
- Do not store at temperatures greater than 48.89 °C (120.00 °F)
- Do not store in direct sunlight.
- Store away from strong acids, strong oxidizing agents, Alkali metals, Halogens, vinyl chloride and iodine pentafluoride.



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### EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Use local exhaust at filling zones and where leakage and dust formation is probable. Use mechanical (general) ventilation for storage areas. Use appropriate ventilation as required to keep Exposure Limits in Air below TLV & PEL limits.

**Personal Protective Equip:** Eye/face protection:  
When using material use safety glasses according to HMIS PP, A. All safety equipment should be tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection:  
Not required. However, if use of gloves is desired, handle with gloves made from Neoprene, Nitrile or Buna rubber. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact. Dispose of contaminated gloves according to applicable laws and laboratory practices.

Body Protection:  
Chemically resistant safety glasses are recommended. Type of protective equipment should be selected based on concentration amount and conditions of use of this material.

Respiratory protection:  
Not required. Full-face vapor respirator may be required as backup to engineering controls when proper engineering controls are not in place to keep TLV and PEL limits below defined thresholds. Respiratory protection must comply with 29 CFR 1910.134.

Control of environmental exposure:  
Prevent leakage or spillage if safe to do so. Do not let material enter drains.

#### Components with workplace control parameters:

Component: Ethanol  
CAS No: 64-17-5  
USA ACGIH (TWA/TLV): 1,000 ppm  
USA ACGIH (STEL/TLV): 1,000 ppm  
USA OSHA Table Z-1 Limits for Air Contaminants - 1910.1000: 1,000 ppm  
USA OSHA Occupational Exposure Limits Table Z-1 Limits for Air Contaminants: 1,000 ppm  
USA NIOSH Recommended Exposure Limits: 1,000 ppm

Component: d-Limonene  
CAS No: 5989-27-5  
USA ACGIH (TWA/TLV): 20 ppm

#### Biological occupational exposure limits:

Contains no components with biological occupational exposure limits.

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### PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Straw-Yellow Liquid  
**Physical State:** **Odor Threshold:** **Particle** **Size:**



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<b>Spec Grav./Density:</b>	Liquid	<b>Odor:</b>	Characteristic
<b>Viscosity:</b>	Not determined	<b>Molecular Formula:</b>	MIXTURE
<b>Sat. Vap. Conc.:</b>	Not determined	<b>Solubility:</b>	Soluble
<b>Boiling Point:</b>	0.951 - 0.991 g/ml (7.94 - 8.72 lbs/gal)	<b>Softening Point:</b>	Not determined
	Not determined	<b>Percent Volatile:</b>	55%
	Not determined	<b>Heat Value:</b>	Not determined
	78.33 °C (173.00 °F)	<b>Freezing/Melting Pt.:</b>	Not determined
<b>Flammability:</b>	(solid, gas): Flammable Liquid Class IB	<b>Flash Point:</b>	18.33 °C (65.00 °F)
<b>Partition Coefficient:</b>	Not determined	<b>Octanol:</b>	Not determined
<b>Vapor Pressure:</b>	(mm Hg @ 20 °C): Not determined	<b>Vapor Density:</b>	(air = 1): > 1.00
<b>pH:</b>	Not determined	<b>VOC:</b>	0 g/l
<b>Evap. Rate:</b>	(N-Butyl Acetate = 1): > 1.00	<b>Bulk Density:</b>	Not determined
<b>Molecular weight:</b>	MIXTURE	<b>Auto-Ignition Temp:</b>	Not determined
<b>Decomp Temp:</b>	Not determined	<b>UFL/LFL:</b>	Not determined

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### STABILITY AND REACTIVITY

<b>Stability:</b>	Product is stable under normal conditions.
<b>Conditions to Avoid:</b>	Incompatibilities, flames, ignition sources.
<b>Materials to Avoid:</b>	Strong acids, strong oxidizing agents, Alkali metals, Halogens, vinyl chloride and iodine pentafluoride.
<b>Hazardous Decomposition:</b>	Carbon Oxides, Nitrogen Oxides (NOx) and Sodium Oxides.
<b>Hazardous Polymerization:</b>	Will not occur.

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### TOXICOLOGICAL INFORMATION

**Component(s):** Ethanol; Sorbitan, monododecanoate, poly(oxy-1,2-ethanediyl) derivs.; d-Limonene  
**CAS No(s):** 64-17-5; 9005-64-5; 5989-27-5

#### Acute Toxicity:

LD50 Oral - Rat: 4,400 mg/kg  
LD50 Dermal - Rabbit: > 5,000 mg/kg  
LD50 Intraperitoneal - Rat: 3,850 mg/kg  
LD50 Intraperitoneal - Mouse: 2,640 mg/kg  
LD50 Intravenous - Rat: 770 mg/kg  
LD50 Intravenous - Mouse: 1,420 mg/kg  
LC50 Inhalation - Rat: 30,000 mg/l (4 h)

**Skin Corrosion/Irritation:** No data available.

**Serious Eye Damage/Eye Irritation:** Rabbit eyes - Moderate eye irritation.

**Respiratory or Skin Sensitation:** Mouse skin - May cause sensitization by skin contact. May cause an allergic skin reaction.

**Germ Cell Mutagenicity:** No data available.

**Carcinogenicity:**



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Oral - Mouse (Ethanol); Equivocal tumorigenic agent by RTECS criteria: Liver tumors, blood lymphomas including Hodgkin's disease

Oral - Rat (d-Limonene); Carcinogenic by RTECS criteria: Kidney, ureter, bladder; Tumorigenic effects - Kidney, testicular tumors

Oral - Mouse (d-Limonene); Equivocal Tumorigenic agent by RTECS criteria: Gastrointestinal tumors

This product is or contains a component that is not classifiable as to its carcinogenicity (d-Limonene) based on their IARC, ACGIH, NTP, or OSHA classification.

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (d-Limonene).

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

### Reproductive Toxicity:

Oral - Female Human (Ethanol); Effects on Newborn: Apgar score, other neonatal measures or effects | drug dependence

**Specific Target Organ Toxicity - Single Exposure:** No data available.

**Specific Target Organ Toxicity - Repeated Exposure:** No data available.

**Aspiration Hazard:** No data available.

### Additional Information:

Component: Ethanol; RTECS: KQ6300000

Component: Sorbitan, monododecanoate, poly(oxy-1,2-ethanediyl) derivs.; RTECS: TR7400000

Component: d-Limonene; RTECS: GW6360000

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## ECOLOGICAL INFORMATION

**Component(s):** Ethanol; Sorbitan, monododecanoate, poly(oxy-1,2-ethanediyl) derivs.; d-Limonene

**CAS No(s):** 64-17-5; 9005-64-5; 5989-27-5

### Toxicity:

#### *Toxicity to fish:*

LC50 - Pimephales promelas (Fathead Minnow): 14,200 mg/l (96 h)

#### *Toxicity to daphnia and other aquatic invertebrates:*

EC50 - Ceriodaphnia dubia (Water Flea): 5,012 mg/l (48 h)

NOEC - Daphnia magna (Water Flea): 9.6 mg/l (9 d)

#### *Toxicity to bacteria:*

EC50 - Chlorella vulgaris (Fresh Water Algae): 275 mg/l (72 h)





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**Persistence and Degradability:**

Readily biodegradable.

**Bioaccumulative potential:**

No expected to bioaccumulate.

**Mobility in Soil:**

No data available.

**Results of PBT and vPvB assessment:**

Not required/conducted.

**Other Adverse Effects:**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

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### DISPOSAL CONSIDERATIONS

Product: Hazardous wastes shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution, release into the environment or damage to people and animals. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated Packaging: Dispose of as unused product.

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### TRANSPORT INFORMATION

DOT Class: Flammable Liquid (3) #3

UN #: UN 1170, Class: 3, Proper Shipping Name: Ethyl alcohol solution

**DOT (US)**

ORM-D Consumer Commodity

**IMDG**

UN Number: 1170

Class: 3

Packing Group: II

EMS-No: F-E, S-D

Proper Shipping Name: Ethyl alcohol solution

Marine Pollutant: No

**IATA (Domestic)**

ORM-D Consumer Commodity

**IATA (Export)**

UN Number: 1170

Class: 3

Packing Group: II

ERG #: 126

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Proper Shipping Name: Ethyl alcohol solution

Marine Pollutant: No



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### REGULATORY INFORMATION

#### COMPONENT / (CAS/PERC) / CODES

- 
- \*Ethanol (64175 <30%) MASS, NJHS, OSHAWAC, PA, SARA311/312, TSCA, TXAIR
  - \*Sorbitan, monododecanoate, poly(oxy-1,2-ethanediyl) derivs. (9005645 <0.5%) TSCA
  - \*d-Limonene (5989275 <0.5%) NJHS, PA, SARA311/312, TSCA

#### REGULATORY KEY DESCRIPTIONS

- 
- MASS = Massachusetts Hazardous Substances List
  - NJHS - New Jersey Right to Know Hazardous Substances
  - OSHA WAC = OSHA Workplace Air Contaminants
  - PA = PA Right-To-Know List of Hazardous Substances
  - SARA311/312 = SARA 311/312 Toxic Chemicals
  - TSCA = Toxic Substances Control Act
  - TXAIR = TX Air Contaminants with Health Effects Screening Level

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### OTHER INFORMATION

#### Disclaimer:

The data in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material in any process. The information set forth herein is furnished free of charge and is based on technical data that TIGI Linea, LP believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside of TIGI Linea, LP's control, TIGI Linea, LP makes no warranties, expressed or implied, and assumes no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under, or a recommendation to infringe upon, any patents.