

# SAFETY DATA SHEET

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Canada / English



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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** John Frieda Frizz-Ease 3-Day Straight Semi-Permanent Styling Spray for Curly Hair; John Frieda Frizz Ease 3 Day Straight Vaporisateur pour fer à lisser (5040100031)

### Other means of identification

**Product Code(s)** 1084728

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

**Recommended Use** Hair Styling Product - Aerosol and Pump Spray

**Uses advised against** No information available

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

**Supplier Name** KAO Canada Inc.

**Supplier Address** 60 Courtneypark Drive West - Unit 5  
Mississauga, , L5W 0B3  
CA

### Emergency telephone number

**Company Emergency Phone Number** 800.424.9300 (Chemtrec); 800.742.8798 (Drug & Poison Info Center)

## 2. HAZARDS IDENTIFICATION

### Classification

Flammable liquids

Category 3

### GHS Label elements, including precautionary statements

**Warning**



**Hazard statements**

Flammable liquid and vapor



**Precautionary Statements - Prevention**

Ground and bond container and receiving equipment

Use non-sparking tools

Take action to prevent static discharges

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Keep container tightly closed

Use explosion-proof electrical/ ventilating/ lighting/ equipment

Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

**Skin**

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]

**Fire**

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other information**

Harmful to aquatic life

**Unknown acute toxicity** 4.394 % of the mixture consists of ingredient(s) of unknown toxicity

4.394 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

4.394 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

4.394 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

4.394 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

4.394 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Substance**



Not applicable.

**Mixture**

Chemical name	CAS-No	Percent	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Alcohol	64-17-5	5.766	-	-

**4. FIRST AID MEASURES**

**First aid measures**

<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.
<b>Self-protection of the first aider</b>	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information.

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

**Symptoms** No information available.

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

**Note to physicians** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

<b>Suitable Extinguishing Media</b>	Dry chemical. Carbon dioxide (CO <sub>2</sub> ). Water spray. Alcohol resistant foam.
<b>Unsuitable extinguishing media</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Specific hazards arising from the chemical</b>	Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
<b>Hazardous Combustion Products</b>	Carbon oxides.
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	Yes.



**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

**Other Information** Ventilate the area.

### Environmental precautions

**Environmental precautions** Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

### Methods and material for containment and cleaning up

**Methods for containment** Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

**Methods for cleaning up** Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Use personal protection equipment. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.



## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Limits

Chemical name	Alberta	British Columbia	Ontario TWAEV	Quebec
Alcohol 64-17-5	TWA: 1000 ppm TWA: 1880 mg/m <sup>3</sup>	STEL: 1000 ppm	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1880 mg/m <sup>3</sup>

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992). See section 15 for national exposure control parameters.

### Appropriate engineering controls

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

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

**Eye/face protection** Tight sealing safety goggles.

**Hand protection** Wear suitable gloves. Impervious gloves.

**Skin and body protection** Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.  
Antistatic boots.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

**Physical state** Liquid  
**Appearance** Clear to slightly cloudy  
**Odor** Pleasant  
**Color** No information available  
**Odor Threshold** No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
pH	3		
Melting / freezing point	No data available	None known	
Boiling point / boiling range	No data available	None known	
Flash Point	55 °C Product does not sustain combustion per ASTM D 4206		
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	



<b>Flammability Limit in Air</b>		None known
<b>Upper flammability limit</b>	No data available	
<b>Lower flammability limit</b>	No data available	
<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Relative density</b>	1	
<b>Water Solubility</b>	Completely soluble	
<b>Solubility(ies)</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Explosive properties</b>	No information available.	
<b>Oxidizing properties</b>	No information available.	

**Other Information**

<b>Softening Point</b>	No information available
<b>Molecular Weight</b>	No information available
<b>VOC Content (%)</b>	No information available
<b>Liquid Density</b>	No information available
<b>Bulk Density</b>	No information available
<b>Particle Size</b>	No information available
<b>Particle Size Distribution</b>	No information available

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No information available.
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Heat, flames and sparks.
<b>Incompatible materials</b>	None known based on information supplied.
<b>Hazardous Decomposition Products</b>	Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information**

<b>Inhalation</b>	Specific test data for the substance or mixture is not available.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available.

**Ingestion** Specific test data for the substance or mixture is not available.

**Information on toxicological effects**

**Symptoms** No information available.

**Numerical measures of toxicity**

**Acute Toxicity**

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

**ATEmix (inhalation-dust/mist)** 2,162.70 mg/L

- Unknown acute toxicity** 4.394 % of the mixture consists of ingredient(s) of unknown toxicity
- 4.394 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 4.394 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 4.394 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 4.394 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 4.394 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Alcohol	= 7060 mg/kg ( Rat )	-	= 124.7 mg/L ( Rat ) 4 h

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

**Skin corrosion/irritation** No information available.

**Serious eye damage/eye irritation** No information available.

**Respiratory or skin sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Alcohol 64-17-5	A3	Group 1	Known	X

**Legend**

- ACGIH (American Conference of Governmental Industrial Hygienists)**
- A3 - Animal Carcinogen
- IARC (International Agency for Research on Cancer)**
- Group 1 - Carcinogenic to Humans
- NTP (National Toxicology Program)**
- Known - Known Carcinogen
- OSHA (Occupational Safety and Health Administration of the US Department of Labor)**
- X - Present

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.



STOT - repeated exposure No information available.

Aspiration hazard No information available.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No information available

### Persistence and Degradability

No information available.

### Bioaccumulation

No information available

### Mobility in soil

No information available.

### Other adverse effects

No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

#### **Waste from residues/unused products**

Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

#### **Contaminated packaging**

Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

## 14. TRANSPORT INFORMATION

### TDG

Not regulated Product does not sustain combustion per ASTM D 4206

### DOT

Proper Shipping Name  
Hazard Class

NOT REGULATED Product does not sustain combustion per ASTM D 4206  
NON REGULATED  
N/A

### MEX

Not regulated Product does not sustain combustion per ASTM D 4206

### ICAO

Not regulated Product does not sustain combustion per ASTM D 4206

### IATA

Proper Shipping Name  
Hazard Class

Not regulated Product does not sustain combustion per ASTM D 4206  
NON REGULATED  
N/A

### IMDG/IMO

Hazard Class

Not regulated Product does not sustain combustion per ASTM D 4206  
N/A

### RID

Not regulated Product does not sustain combustion per ASTM D 4206



**ADR** Not regulated Product does not sustain combustion per ASTM D 4206

**ADN** Not regulated Product does not sustain combustion per ASTM D 4206

## 15. REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

**Ozone-depleting substances (ODS)** Not applicable

**Persistent Organic Pollutants** Not applicable

**Export Notification requirements** Not applicable

#### International Inventories

<b>TSCA</b>	Contact supplier for inventory compliance status.
<b>DSL/NDSL</b>	Contact supplier for inventory compliance status.
<b>EINECS/ELINCS</b>	Contact supplier for inventory compliance status.
<b>ENCS</b>	Contact supplier for inventory compliance status.
<b>KECL</b>	Contact supplier for inventory compliance status.
<b>PICCS</b>	Contact supplier for inventory compliance status.
<b>AICS</b>	Contact supplier for inventory compliance status.

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

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

<b>NFPA</b>	<b>Health hazards</b> 0	<b>Flammability</b> 2	<b>Instability</b> 0	<b>Physical and Chemical Properties</b> -
<b>HMIS</b>	<b>Health hazards</b> 0	<b>Flammability</b> 2	<b>Physical hazards</b> 0	<b>Personal Protection</b> X

**Prepared By** Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

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**Revision Note** No information available

#### **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**

Inhalation Statement	Liquid or Aerosol
Physical hazards	Flammable liquids
GHS Physical Hazard Category Number	Category 3
Precautionary Statements	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P233 - Keep container tightly closed P240 - Ground and bond container and receiving equipment P241 - Use explosion-proof electrical/ ventilating/ lighting/ equipment P242 - Use non-sparking tools P243 - Take action to prevent static discharges P280 - Wear protective gloves/protective clothing/eye protection/face protection P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower] P370 + P378 - In case of fire: Use .? to extinguish P403 + P235 - Store in a well-ventilated place. Keep cool P501 - Dispose of contents/container to industrial incineration plant
Signal word	Warning
Hazard statements	EUH208 - Contains ( .? ). May produce an allergic reaction
Physical hazards	Flammable liquid and vapor
Signal word	Warning
Precautionary Statements - EU (§28, 1272/2008)	P310 - Immediately call a POISON CENTER or doctor/physician P235 + P410 - Keep cool. Protect from sunlight
Precautionary Statements	Keep away from heat Keep away from heat Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking Keep container tightly closed Wear protective gloves Wear protective gloves Take off immediately all contaminated clothing Take off immediately all contaminated clothing In case of fire: Use .? to extinguish In case of fire: Use .? to extinguish In case of fire: Use .? to extinguish In case of fire: Use .? to extinguish Store in a well-ventilated place. Keep cool Store in a well-ventilated place Store in a well-ventilated place IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]
Skin	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P233 - Keep container tightly closed P240 - Ground and bond container and receiving equipment P241 - Use explosion-proof electrical/ ventilating/ lighting/ equipment P242 - Use non-sparking tools P243 - Take action to prevent static discharges P280 - Wear protective gloves/protective clothing/eye protection/face protection P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower] P370 + P378 - In case of fire: Use .? to extinguish P403 + P235 - Store in a well-ventilated place. Keep cool P501 - Dispose of contents/container to industrial incineration plant
Precautionary Statements	
Precautionary Statements - Prevention	Ground and bond container and receiving equipment Use non-sparking tools Take action to prevent static discharges Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking Keep container tightly closed Use explosion-proof electrical/ ventilating/ lighting/ equipment Wear protective gloves/protective clothing/eye protection/face protection
Precautionary Statements - Response	
Skin	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]
Fire	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish
Precautionary Statements - Storage	Store in a well-ventilated place. Keep cool
Precautionary Statements - Disposal	Dispose of contents/container to an approved waste disposal plant
The following values are calculated based on chapter 3.1 of the GHS document	
ATEmix (inhalation-dust/mist)	2,162.70
Units	mg/L
Contains Benzophenone-4	
Unknown acute toxicity	5.5001 % of the mixture consists of component(s) of unknown hazards to the aquatic environment
Unknown Acute Aquatic Toxicity	5.5001
Unknown Chronic Aquatic Toxicity	5.5001
Physical hazards	



Physical hazards



Product ATE Oral Status	1
Product ATE Dermal Status	1
Product ATE Inhalation - Gas Status	1
Product ATE Inhalation - Vapor Status	1
Product ATE Inhalation - Dust/Mist Status	1
Product Skin Corrosion Status	1
Product Eye Damage Status	1
Product Respiratory Sens. Status	1
Product Skin Sensitization Status	1
Product Mutagenic Status	1
Product Carcinogenic Status	1
Product Reproductive Toxicity Status	1
Product STOT Single Status	1
Product STOT Repeated Status	1
Product Aquatic Toxicity Status	1
Product Aspiration Toxicity Status	1
Product Ozone Status	1
Product and Component Overall	1

Classification Status

GHS Physical Hazard Category 1 H-value - (H226)

**Unknown acute toxicity** 4.394 % of the mixture consists of ingredient(s) of unknown toxicity

4.394 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

4.394 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

4.394 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

4.394 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

4.394 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Symbols/Pictograms

GHS Physical Hazard Category 1 H-value (Bad file name)

Other hazards Harmful to aquatic life

Physical hazards Exploding bomb

Inhalation Statement Liquid or Aerosol

Health hazards 0