

# Kao Brands Company

## Material Safety Data Sheet

Version 1.  
Date 02/14/2008

### 1. Chemical Product and Company Identification

Product Name Code Number	John Frieda Luxurious Volume All Out Hold Hairspray, 1064-968-228 5025300031
Company Name Address	Kao Brands Company 2535 Spring Grove Ave. Cincinnati, OH, 45214 USA
Emergency Phone No.	800.742.8798 (Drug & Poison Info Center) 800.424.9300 (Chemtrec)

### 2. Hazardous Ingredients

Name	CAS No.	% W/W
Alcohol Denat.	64-17-5	50 - 75
Hydrofluorocarbon 152a	75-37-6	20 - 50

### 3. Possible Hazards

Aggravated Medical Conditions	None known
Primary Routes of Entry	Skin - Intended Use Ingestion - Intended for External Use Only Inhalation - Not Applicable

### 4. First Aid Measures

Inhalation	In event of overexposure due to inhalation, remove to fresh air. Resuscitate if necessary. Get medical attention. Consult a medical doctor if irritation persists.
Skin	If irritation persists more than 48 hrs, consult a medical doctor.
Eyes	Rinse well with water. If irritation persists more than one hour, contact a medical doctor.
Ingestion	In the event of ingestion, contact a poison control center or a medical doctor.

### 5. Fire-Fighting Measures

Limits	Flash Point
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23 °C  
Method: Closed Cup (ASTM  
D3278-78)

Extinguishing Media	Dry chemical, foam, or carbon dioxide fire extinguisher for small fires.
Hazards During Fire-Fighting	Containers may rupture and release flammable liquids and/or gases if exposed to heat or fire.
Fire Fighting / Further Advice	Keep temperature of containers below 120°F by spraying with water until fire has been extinguished

### 6. Accidental Release Measures

General Advice	Contain spill. Leaking cans should be placed in an open container, outdoors, away from an released. Mop up, wipe up, or soak up with absorbent material. Do not use sawdust or "Shop Vacs." Use plastic or aluminum shovel to transfer waste.
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### 7. Handling and Storage

General Advice	Store at ambient temperatures and atmospheric pressure. Keep away from heat and flame. Store away from oxidizing materials. Do not smoke while using.
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### 8. Exposure Controls / Personal Protective Equipment

Hand Protection	None Required
Eye Protection	Not necessary except as good industrial practice
Respiratory Protection	None should be needed. A NIOSH approved respirator should be used where TLV or PEL may be exceeded.
General Protective Measures	Not necessary except as good industrial practice

### 9. Physical / Chemical Properties

Color - Appearance	clear liquid under pressure
Odor	Pleasant
Boiling Point	> 100 °C

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Melting Point	Not Applicable
Density @	Not Applicable
Solubility	Completely Soluble in Water

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### 10. Stability and Reactivity

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Stability	Stable  Conditions to Avoid: Do not store containers in direct sunlight or where conditions will heat them above 120°F
Substances to Avoid	Do not mix with strong oxidizers.
Hazardous Polymerization	Will not occur  Conditions to Avoid: None.
Decomposition Products	Normal products of combustion.

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### 11. Toxicological Information

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Acute Oral Toxicity	This product was determined to be non-toxic based on ingestion of small amounts.
Skin Irritation	This product is predicted to be non-irritating or a mild skin irritant based on human clinical testing. (HRIPT N=100)
Skin Sensitization	This product is predicted to be non-sensitizing based on human clinical testing.
Eye Irritation	This product is predicted to be a mild eye irritant based on predictive in vitro testing.
Remarks	For detailed information, please contact the Kao Brands Company.

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### 12. Ecological Information

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Remarks	For detailed information, please contact the Kao Brands Company.
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### 13. Disposal Considerations

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Advice on Disposal & Packaging	Dispose of in accordance with local, state, and federal regulations.
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### 14. Transport Information

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Ground	Proper Shipping Name	Consumer Commodity
	Hazard Class	ORM-D
	Identification	None
	Packing Group	None

Air	Proper Shipping Name	Consumer Commodity
	Hazard Class	9
	Identification	ID 8000
	Packing Group	None

Ocean	Proper Shipping Name	Aerosols
	Hazard Class	2.1
	Identification	UN 1950
	Packing Group	None F-D, S-U

TDG (Canada)	Proper Shipping Name	Consumer Commodity
	Hazard Class	None
	Identification	None
	Packing Group	None

ADR/RID	Proper Shipping Name	Aerosols - Ltd. Qty.
	Hazard Class	2.1
	Identification	UN 1950
	Packing Group	None

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### 15. Regulatory Information

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Remarks For detailed information, please contact the Kao Brands Company.

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### 16. Other Information

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#### Disclaimer

The information contained herein has been compiled from sources considered by Kao Brands Company to be dependable and is accurate to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty of any type or quality specification. The information relates only to the specific material designated herein and does not relate to the use of such material in combination with any other materials or in any process.