1. Chemical Product and Company Identification

Product Name: John Frieda Luxurious Volume All Out Hold Hairspray, 1064-968-228
Code Number: 5025300031

Company Name: Kao Brands Company
Address: 2635 Spring Grove Ave.
Cincinnati, OH, 45214
USA

Emergency Phone No.: 800.742.8798 (Drug & Poison Info Center)
800.424.9300 (Chemtrec)

2. Hazardous Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS No.</th>
<th>% W/W</th>
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</thead>
<tbody>
<tr>
<td>Alcohol Denat.</td>
<td>64-17-5</td>
<td>50 - 75</td>
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<tr>
<td>Hydrofluorocarbon 152a</td>
<td>75-37-6</td>
<td>20 - 50</td>
</tr>
</tbody>
</table>

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

Page 1 of 5
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.

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.

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
10. Stability and Reactivity

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.

11. Toxicological Information

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. (HRPT 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.

12. Ecological Information

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

13. Disposal Considerations

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

<table>
<thead>
<tr>
<th>Ground</th>
<th>Proper Shipping Name</th>
<th>Consumer Commodity</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>Identification</td>
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<tr>
<td>Packing Group</td>
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<tr>
<td>Packing Group</td>
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</tbody>
</table>

### 15. Regulatory Information

Page 4 of 5
Remarks
For detailed information, please contact the Kao Brands Company.

16. Other Information

Disclaimer
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