

# MATERIAL SAFETY DATA SHEET

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## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**TRADE NAME:** K-Pak Style Protective Hair Spray for medium hold (80 VOC)

**Supplier:**  
**SABRE Corporation**

**Address:**  
**75 South Creek Rd,**  
**Dee Why 2009**  
**NSW Australia**

**Telephone:**+61 2 9982 0100  
**1300 764 437**

**Fax:** +61 2 9972 0689

**MANUFACTURER'S NAME:**

**Joico Laboratories, Inc.**

**Local EMERGENCY #:** Poisons Information Center  
**Australia – 131126;**  
**New Zealand – 03 474**

**PREPARED:**07/05/06

**CURRENT MSDS UPDATE:** 5/12/09

## SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS. HAZARDOUS INGREDIENTS.

CHEMICAL NAME(S)	CAS NUMBER	w/w %	TLV-TWA	PEL	OTHER LIMITS RECOMMENDED
Ethanol	64-17-5	63.7	1000 PPM	1000PPM	N/A
Isobutane	75-28-5	16.0	N/A	1000PPM	N/A
Ethane, 1,1-Difluoro	75-37-6	14.0	1000ppm	N/A	None Established

## SECTION 3. HAZARDS IDENTIFICATION

**Physical/chemical hazards:** The data available do not support any physical or chemical hazard.

**Human health hazards:** Classified as Non-hazardous according to criteria of National Occupational Health and Safety Commission (NOHSC).

**Environmental hazards:** The data available do not support any environmental hazard.

## SECTION 4. FIRST-AID MEASURES

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## Effects and symptoms

**Inhalation:** No specific effects and/or symptoms have been reported or known.

**Ingestion:** No specific effects and/or symptoms have been reported or known.

**Skin contact:** Prolonged or repeated exposure may be irritating (redness, pain).

**Eye contact:** Prolonged or repeated exposure may be irritating (redness, tears and pain).

## First-aid measures

**Inhalation:** None Known.

**Ingestion:** Product is not likely to be ingested. If this occurs, treat symptomatically. Never give anything by mouth to an unconscious person. Call a physician.

**Skin contact:** Remove contaminated clothing. Wash off with plenty of water and soap.

**Eye contact:** Avoid spraying in eyes. Accidental introduction into eye can result into moderate irritation. Immediately wash out with plenty of water with the eyelid held wide open for at least 15 minutes.

Consult a doctor in the event of any complaints.

**Protection of first-aiders:** Avoid exposure. Use appropriate protection (see section 8).

## SECTION 5. FIRE-FIGHTING MEASURES

### **Extinguishing media**

**Suitable:** All types of extinguishing agent permitted. Dike fire control water for later disposal.

**Protection of fire-fighters:** Burning may produce: toxic and/or corrosive vapours/gases. Wear suitable protective clothing.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Flammable. Do not use near flame or while smoking. Do not spray in eyes. Keep out of reach of children.

**Environmental precautions:** Leaking packages should be placed in open containers outdoors away from any source of ignition.

**Methods for cleaning up:** Seal leak if possible without risk. Prevent dispersion. Wipe up and clean the surfaces which may become slippery and hazardous.

Collect spilled material in sealable containers. Wash away remainder with plenty of water.

## SECTION 7. HANDLING AND STORAGE

**Handling:** When handling the product, allow for materials and conditions which should be avoided (see Section 10). Avoid contact with skin and eyes.

**Specific use(s):** Not available.

**Storage:** Store in dry area at normal temperatures. Avoid storing at high temperature or near heat source. Avoid freezing temperatures.

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## Packaging materials

**Suitable:** Not available.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering measures:** Ventilation recommended.

**Hygiene measures:** When using do not eat, drink or smoke. Follow good housekeeping practices.

### Personal Protective Equipment

**Respiratory system:** With sufficient ventilation, extraction or closed system, breathing apparatus not necessary.

**Other protective equipment:** Not available.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Clear liquid.
<b>Color:</b>	Light straw
<b>Odor:</b>	Fragranced
<b>Molecular weight:</b>	N/A.
<b>Boiling point:</b>	78.3°C
<b>Melting point:</b>	N/A
<b>Density:</b>	N/A
<b>Vapour density (air=1):</b>	N/A
<b>Vapor pressure :</b>	N/A
<b>Specific gravity (H<sub>2</sub>O=1):</b>	1.00 – 1.04
<b>Solubility in water:</b>	Soluble
<b>Octanol/water partition:</b>	N/A
<b>Coefficient pH:</b>	4.5 – 5.5
<b>Flash point:</b>	N/A

## SECTION 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

Conditions to avoid: Do not store containers in direct sunlight or where conditions will heat them above 120 F (50 C).

**Hazardous Reactions:** Not available.

**Chemical Incompatibility:** Do not mix with strong oxidizers

**Hazardous Decomposition Products:** Normal products of combustion.

**Corrosive to Metal:** No.

## SECTION 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** N/A

**Dermal:** Repeated exposure may cause skin dryness or cracking.

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

## SECTION 12. ECOLOGICAL INFORMATION

No ecological information is known on the product.  
Rarely presents a problem when used according to directions. This product is safe for its intended use.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Methods of disposal:** Bury or incinerate in approved disposal facilities and in accordance with all Federal, State and Local Regulations.

**Contaminated packaging:** Keep waste packaging separate. Because of possible pollution, remove as industrial waste or hazardous waste. Empty containers may be disposed of as normal refuse. Recycle whenever possible. Before offering for recycling empty the can by using the product according to the label.

## SECTION 14. TRANSPORT INFORMATION

**DOT Class:** Exempt \_\_\_      Red Label: \_\_\_      Consumer Commodity ORM-D X  
Oxidizer \_\_\_      UN No.1950

## SECTION 15. REGULATORY INFORMATION

Not Classified as hazardous according to criteria of Worksafe Australia.  
Poison Schedule - None.

## SECTION 16. SUPPLIER INFORMATION

The information contained herein is, to the best of our knowledge and belief, accurate and reliable as of the date issued. We do not however, warrant or guarantee the accuracy or reliability, nor shall we be liable for any loss or damage arising out of the use thereof. The information is offered for the user's consideration and examination, and it is the user's responsibility to satisfy himself that it is suitable and complete for his particular use.

**Abbreviations:**

Na (N/A): Not Available  
UNK: Unknown  
NE (N/E):Not Established  
ND (N/D):Not Determined