

MSDS *Material Safety Data Sheet*

Farouk Systems, Inc.

BioSilk FIRM Finish Hair Spray

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MSDS Number: 0006

Revision Date: 12/23/2003

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Aerosol Services

425 South 9th Avenue
City of Industry, CA 91746-3382

Contact:

Telephone Number: 1-626-363-6200

FAX Number:

E-Mail:

Web

Vendor

Farouk Systems, Inc.
250 Pennbright
Suite 150
Houston, Texas 77090

Contact: EHS Department

Telephone Number: 281-876-2000

FAX Number: 281-885-5512

E-Mail: ehsdept@farouk.com

Web www.farouk.com

Product Name: BioSilk FIRM Finish Hair Spray
Revision Date: 12/23/2003
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Synonyms: BioSilk FIRM Finish Hair Spray
Product Use: Toiletry, Cosmetic Applications

2 COMPOSITION/INFORMATION ON INGREDIENTS

SD Alcohol 40B	≥61%
Hydrofluorocarbon 152A	≥15%
Isobutane	≥10%
Propane	≥5%

3 HAZARDS IDENTIFICATION

Route of Entry: Eyes
Skin
Ingestion
Inhalation

Target Organs: None.

Inhalation: Vapors may cause irritation to the mucous membranes. Prolonged exposure may cause intoxication and liver damage.

Skin Contact: Repeated skin contact may cause slight irritation.

Eye Contact: May cause irritation or redness to the eyes if not used accordingly. Never spray product at eyes or face.

Ingestion: This product is toxic by its alcohol content. May cause stomach and intestinal discomfort. May cause intoxication.

4 FIRST AID MEASURES

Inhalation: Remove person from further exposure to product. Seek medical attention if necessary.

Skin Contact: Avoid contact with skin rashes or open sores.

Eye Contact: Remove any contact lenses, if necessary, and immediately flush eyes with plenty of water for 15 minutes. Seek medical attention if necessary.

Ingestion: Wash mouth out and drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.

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5 FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD:

>105° F TAG Open Cup

AUTO IGNITION TEMP:

N/A

FLAMMABLE CLASS:

NFPA rating of 3.

BURNING RATE OF SOLID:

Not available

GENERAL HAZARDS: Evacuate personnel downwind of fire to avoid inhalation of fumes and smoke. Do not use while smoking. Do not crush or puncture containers. Keep away from children. Do not use near open flames or heated surfaces.

EXTINGUISHING METHODS: Chemical type foam, CO2(Carbon Dioxide), Dry Chemical, Water Fog

FIRE FIGHTING PROCEDURES: This product is a flammable substance. However, hazardous decomposition and combustion products may be formed in a fire situation. Cool exposed containers with water spray to prevent overheating.

FIRE FIGHTING EQUIPMENT: Respiratory and eye protection are required for fire fighting personnel. Full protective equipment (Bunker Gear) and self contained breathing apparatus (SCBA) should be used for all indoor fires and significant outdoor fires. For small outdoor fires, which may be easily extinguished with a portable fire extinguisher, use of a SCBA may not be needed.

6 ACCIDENTAL RELEASE MEASURES

SMALL SPILL: When a spill occurs, use absorbent material on the substance. Dispose of the material according to all local, state and federal regulations. Always use an absorbent material when cleaning up a spill.

ENVIRONMENTAL PRECAUTIONS: Avoid run-off or release into sewers, stormdrains and waterways.

GENERAL PRECAUTIONS: Remove containers away from oxidizing materials.

7 HANDLING AND STORAGE

Handling Precautions: Use appropriate personal protective equipment as specified in Section 8. Handle in a manner consistent with good household/personal techniques and practices.

Storage Requirements: Keep containers/bottles securely sealed when not in use. Store in cool/dry conditions that do not exceed room temperature.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: These recommendations provide general guidance for handling this product safely. Because specific use conditions may vary, safety procedures should be developed for each specific application of this product. When developing procedures, always consider potential waste, disposal and personal safety issues.

Protective Equipment: **EYES AND FACE:** For reasonable foreseeable uses of this product, eye and face protection is not required.

SKIN: For reasonable foreseeable uses of this product, skin protection is not required.

RESPIRATORY: For reasonable foreseeable uses of this product, respiratory protection is not required.

EXPOSURE GUIDELINES: Overexposure is unlikely. Since all parameters cannot be foreseen, the use of engineering controls to reduce exposure may be necessary.

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, colorless to pale yellow liquid	Boiling Point:	>172° F
Physical State:	Liquid	Freezing/Melting Pt.:	N/A
Odor:	Characteristic hairspray odor	Solubility:	Disperses easily in water.
pH:	About 6.5(1:10 Dilution in Water)	Spec Grav./Density:	0.82
Vapor Pressure:	58 PSIG @ 70° F		
Vapor Density:	N/A		

10 STABILITY AND REACTIVITY

Stability:	YES
Conditions to avoid:	Extreme temperatures. Heat, sparks, flame and contact with strong oxidizing liquids. This product is an aerosol and should not be incinerated.
Materials to avoid (incompatibility):	Keep away from oxidizing materials and flame.
Hazardous Decomposition products:	Carbon Monoxide and unidentified organic compounds may be formed during combustion.
Hazardous Polymerization:	Will Not Occur.

11 TOXICOLOGICAL INFORMATION

ACUTE:
DERMAL LD50: Not available.
ORAL LD50: Not available.
INHALATION LC50: Not available.
EYE EFFECTS: This product may cause irritation to eyes if not used under normal conditions.
TARGET ORGANS: NONE.
SENSITIZATIONS: Not available.
CARCINOGENICITY:
IARC: Listed by IARC - No.
NTP: Listed by NTP - No.
OSHA: Listed by OSHA - No.

MUTAGENICITY: Not available.
REPRODUCTIVE EFFECTS: None.
TERATOGENIC EFFECTS: Not available.

12 ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not available.
ECOTOXICOLOGICAL INFO: Not available.
DISTRIBUTION: Not available.
CHEMICAL FATE INFO: Not available.

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13 DISPOSAL CONSIDERATIONS

US EPA Waste Number and Descriptions:

DISPOSAL METHOD: Controlled release of diluted product into a biological wastewater treatment plant.

COMPONENT WASTE NUMBER: No EPA Waste Numbers are applicable for this product's components.

DISPOSAL INSTRUCTIONS: Dispose of waste material according to local, state and federal rules and regulations.

14 TRANSPORT INFORMATION

This product is regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations.

DOT CLASSIFICATION: Shipping Name: Consumer Commodity
Class: ORM-D

IMDG CLASSIFICATION: Shipping Name: AEROSOLS, UN1950, Limited Quantities
Class: 2.1

IATA CLASSIFICATION: Shipping Name: Consumer Commodity, ID 8000
Class: 9, Miscellaneous
Pkg Inst - 910

1-800-424-9300
Inside the United States
CHEMTREC

1-703-527-3887
Outside the United States

15 REGULATORY INFORMATION

UNITED STATES:
SARA TITLE III (Superfund Amendments and Reauthorization Act)
311/312 HAZARD CATEGORIES

Fire: No.

Pressure Generating: No.

Reactivity: No.

Acute: No.

313 REPORTABLE INGREDIENTS: Not applicable.

TITLE III NOTES: None.

CERCLA(Comprehensive Response, Compensation, and Liability Act)

CERCLA RQ: None.

TSCA(Toxic Substance Release Act)

TSCA REGULATORY: All ingredients are listed in the TSCA Inventory.

CANADA:

WHMIS(WORKER HAZARDOUS MATERIAL INFORMATION SYSTEM)

This product is WHMIS controlled.

CANADIAN INGREDIENT DISCLOSURE LIST: This product contains Ethanol, which is listed on the "Ingredient Disclosure List".

CANADIAN ENVIRONMENTAL PROTECTION ACT: All intentional ingredients are listed on the DSL(Domestic Substance List).

EUROPEAN COMMUNITY:

EU REGULATORY: All intentional ingredients are listed on the European's EINECS Inventory.

STATE REGULATIONS: Not available.

LOCAL REGULATIONS: Not available.

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OTHER INFORMATION

NFPA CODES:

Hazard Scale:

0 = Normal

1 = Slight

2 = Moderate

3 = Serious

4 = Severe

NFPA RATING:

FLAMMABILITY: 3

HEALTH: 1

REACTIVITY: 1

SPECIAL: None

HMIS RATING:

FLAMMABILITY: 3

HEALTH: 1

PHYSICAL HAZARD: 0

PERSONAL PROTECTION: N/A

Disclaimer: Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.

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