MSDS Material Safety Data Sheet
Farouk Systems Group

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Farouk Systems Group
250 Pennbright Drive
Houston, Texas 77090

Contact: EHS Department
Telephone Number: 1-800-237-9175
FAX Number: 281-885-6396
E-Mail: ehsdept@farouk.com
Web www.farouk.com

Product Name:	CHI Man Groom & Hold Finishing Spray
Revision Date:	04/30/2010
MSDS Number:	0766
Synonyms:	CHI Man Groom & Hold Finishing Spray
Product Use:	Toiletry, Cosmetic Applications

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ethane, 1, 1-Difluoro	≥50%
Ethanol	≥55%

3 HAZARDS IDENTIFICATION

Route of Entry:	Eyes Skin Ingestion Inhalation
Target Organs:	None.
Inhalation:	Misuse of this product by intentional concentration and inhalation may cause dizziness.
Skin Contact:	None.
Eye Contact:	May cause irritation or redness to the eyes if not used accordingly.
Ingestion:	May cause irritation to the digestive tract.

4 FIRST AID MEASURES

Inhalation:	Remove person from further exposure to product. Seek medical attention if necessary.
Skin Contact:	None.
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. Seek medical attention.

5 FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD:
-30°F TCC (Propellant Only); Concentrate 36°F (EPA Method 1010)
FLAMMABLE LIQUIDS:
Not available.
AUTO IGNITION TEMP:
N/A
FLAMMABLE CLASS:
NFPA rating of 4.
BURNING RATE OF SOLID:
Not available
GENERAL HAZARDS: Evacuate personnel downwind of fire to avoid inhalation of fumes and smoke.
EXTINGUISHING METHODS: Chemical type foam, CO2(Carbon Dioxide), Dry Chemical, Water Fog
HAZARDOUS COMBUSTION PRODUCTS: Fumes from flame might contain carbon monoxide.
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 guideance 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/Other: EXPOSURE GUIDELINES: Overexposure is unlikely. Since all parameters cannot be foreseen, the use of engineering controls to reduce exposure may be necessary.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Straw yellow liquid		
Physical State:	Aerosol	**Boiling Point:**	Not available
Odor:	Pleasant fragrance	**Freezing/Melting Pt.:**	Not available
pH:	N/A	**Solubility:**	Soluble in water
Vapor Pressure:	mm Hg @ 20°C: Can pressure not to exceded 180 psig @ 130°F	**Spec Grav./Density:**	0.87
Vapor Density:	(Air=1): >1		

Evap. Rate:	>1
Viscosity:	Aerosol @ ambient

10 STABILITY AND REACTIVITY

Stability:	YES
Conditions to avoid:	Do not store containers in direct sunlight or where conditions will heat them above 120°F. Heat, sparks, flame and contact with strong oxidizing liquids. This product is an aerosol and should not be incinerated.
Materials to avoid (incompatability):	Keep away from oxidizing materials and flame.
Hazardous Decomposition products:	Carbon Monoxide.
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.

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 Quantity
Class: 2.1

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

1-800-424-9300	1-703-527-3887
Inside the United States	Outside the United States
CHEMTREC	

15 REGULATORY INFORMATION

UNITED STATES:
SARA TITLE III (Superfund Amendments and Reauthorization Act)
311/312: Acute, Fire, Sudden Release (Ethane,1,1-Difluoro-); Acute Fire Hazard Ethane,1,1-Difluoro-,Ethane)

313 REPORTABLE INGREDIENTS: None Noted.
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.
California Proposition 65: Not regulated.

CANADA:
WHMIS(WORKER HAZARDOUS MATERIAL INFORMATION SYSTEM)
This product is WHMIS controlled.
CANADIAN INGREDIENT DISCLOSURE LIST: Ethanol.
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.

16 OTHER INFORMATION

NFPA CODES:
Hazard Scale:
0 = Normal
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

NFPA RATING:
FLAMMABILITY: 4
HEALTH: 1
REACTIVITY: 0
SPECIAL: None

HMIS RATING:
FLAMMABILITY: 4
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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