

# MSDS *Material Safety Data Sheet*

Farouk Systems Group

CHI XF Magnified Volume Extra Firm Finishing Spray

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MSDS Number: 0789

Revision Date: August 25, 2010

## 1 PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

Farouk Systems Group  
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Houston, Texas 77090

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**Product Name:** CHI XF Magnified Volume Extra Firm Finishing Spray  
**Revision Date:** August 25, 2010  
**MSDS Number:** 0789  
**Synonyms:** CHI XF Magnified Volume Extra Firm Finishing Spray  
**Product Use:** Toiletry, Cosmetic Applications

## 2 COMPOSITION/INFORMATION ON INGREDIENTS

SDA Alcohol 40-B	45.0% - 55.0%
Hydrofluorocarbon 152A	35.0% - 45.0%

## 3 HAZARDS IDENTIFICATION

**Route of Entry:** Eyes  
Skin  
Ingestion  
Inhalation

**Target Organs:** None.

**Inhalation:** Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal. May cause upper respiratory irritation.

**Skin Contact:** Not determined.

**Eye Contact:** May cause irritation or redness to the eyes if not used accordingly.

**Ingestion:** Ingestion is not a route of exposure.

## 4 FIRST AID MEASURES

**Inhalation:** Remove person from further exposure to product. Seek medical attention in the event of an adverse reaction or if symptoms of irritation develop.

**Skin Contact:** In case of irritation, wash immediately with soap and water. Remove contaminated clothing or shoes. Clean contaminated clothing and shoes prior to re-use. Seek medical attention in the event of an adverse reaction or if symptoms of irritation develop.

**Eye Contact:** Hold eyelid open and flush with water for at least 15 minutes. Seek medical attention in the event of an adverse reaction or if symptoms of irritation develop.

**Ingestion:** Seek medical attention if ingestion occurs.

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### 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:

Not available

#### FLAMMABLE CLASS:

NFPA Rating: 4

#### BURNING RATE OF SOLID:

Not available

GENERAL HAZARDS: Evacuate personnel downwind of fire to avoid inhalation of fumes and smoke.

EXTINGUISHING METHODS: Dry chemicas, CO<sub>2</sub>(Carbon Dioxide) for small fires, and Unoversal foam or water spray for large fires.

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:** Avoid prolonged exposure to eyes. No adverse health hazards are anticipated from handling product which has been stored outside of the specified storage range, however the product may stratify and become unacceptable for general use.

**Storage Requirements:** Store in dry, well-ventilated area away from ignition sources and away from incompatible materials. Expected shelf life storage under optimum conditions is three years.

### 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/Other:** 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

<b>Appearance:</b>	Clear, pale yellow liquid	<b>Boiling Point:</b>	Unknown
<b>Physical State:</b>	Aerosol	<b>Freezing/Melting Pt.:</b>	Not available
<b>Odor:</b>	Pleasant Fragrance	<b>Solubility:</b>	Soluble in water.
<b>pH:</b>	8.6 - 9.2	<b>Spec Grav./Density:</b>	0.810 - 0.840
<b>Vapor Pressure:</b>	mm Hg @ 20°C: Can pressure not to exceeded 180 psig @ 130°F		
<b>Vapor Density:</b>	(Air=1) >1		
<b>Evap. Rate:</b>	>1		
<b>Viscosity:</b>	Aerosol @ ambient		
<b>Percent Volatile:</b>	Less than 55%		

## 10 STABILITY AND REACTIVITY

<b>Stability:</b>	This material is stable under normal conditions handling and storage conditions.
<b>Conditions to avoid:</b>	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.
<b>Materials to avoid (incompatibility):</b>	Keep away from oxidizing materials and flame.
<b>Hazardous Decomposition products:</b>	Oxides of carbon, oxides of nitrogen, oxides of sulfur (for hair dyes), oxides of phosphorus.
<b>Hazardous Polymerization:</b>	Not expected.

## 11 TOXICOLOGICAL INFORMATION

ACUTE:  
DERMAL LD50: Not available.  
ORAL LD50: Not available.  
SKIN: Not determined  
INHALATION: Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal. May cause upper respiratory irritation.  
EYE EFFECTS: This product may cause irritation to eyes if not used under normal conditions.  
TARGET ORGANS: NONE.  
SENSITIZATIONS: Not available.  
CARCINOGENICITY: Not available.  
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 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 and Fire Hazard Ethane, 1,1-Difluoro-, Ethanol)

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: None.

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: 4

HEALTH: 1

REACTIVITY: 0

SPECIAL: None

**HMIS RATING:**

FLAMMABILITY: 4

HEALTH: 1

PHYSICAL HAZARD: 1

PERSONAL PROTECTION: N/A

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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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**END OF MSDS DOCUMENT**