MSDS Material Safety Data Sheet

Farouk Systems, Inc.

X-Ion Ultimate Control

MSDS Number: 0532

Revision Date: 07/14/2006

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Aerosol Services Company, Inc
425 South 9th Avenue, CA 91746
City of Industry, CA 91746

Contact:
Telephone Number: 626-968-8531
FAX Number:
E-Mail:
Web

Vendor

X-Ion Energy Research Laboratories
2088 East Joyce Drive
Palm Springs, CA 92262

Contact: Jessica Dauzat
Telephone Number: 1-800-696-1903
FAX Number: 281-876-2059
E-Mail: jdauzat@xionhaircare.com
Web www.xionenergy.com

Product Name:	X-Ion Ultimate Control
Revision Date:	07/14/2006
MSDS Number:	0532
Synonyms:	X-Ion Ultimate Control
Product Use:	Toiletry, Cosmetic Applications

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ethane,1,1-Difluro	≥40.0%
Ethanol	≥55.0%

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. Remonve 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 adeverse reaction or if symptoms of irritation develop.
Ingestion:	Seek medical attention if ingestion occurs.

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 of 4
BURNING RATE OF SOLID:
Not available
GENERAL HAZARDS: Evacuate personnel downwind of fire to avoid inhalation of fumes and smoke.
EXTINGUISHING METHODS: Dry chemiclas, CO2(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 anticipaded 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 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: 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:	Clear, Pale Yellow Liquid		
Physical State:	Aerosol	Boiling Point:	Unknown
Odor:	Standard	Freezing/Melting Pt.:	N/A
pH:	N/A	Solubility:	Soluble in water.
Vapor Pressure:	mm Hg @ 20°C: Can pressure not to exceded 180 psig @ 131°F	Spec Grav./Density:	0.810 - 0.820
Vapor Density:	(Air=1): >1		

Evap. Rate:	>1
Viscosity:	Aersosol @ ambient
Percent Volatile:	55%

10 STABILITY AND REACTIVITY

Stability:	This material is stable under normal conditions handling and storage conditions.
Conditions to avoid:	Extreme temperatures. This product is an aerosol and should not be incinerated.
Materials to avoid (incompatability):	Keep away from oxidizing materials and flame.
Hazardous Decomposition products:	Oxides of carbon, oxides of nitrogen, oxides of sulfur (for hair dyes), oxides of phosphorus.
Hazardous Polymerization:	Not expected.

11 TOXICOLOGICAL INFORMATION

ACUTE:
DERMAL LD50: Not available.
ORAL LD50: Not available.
SKIN: Not determined
INHALATION: Intentional misuse by deliverately concentrating and inhaling contents can be harmful o 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.

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 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: 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: 1
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.

END OF MSDS DOCUMENT