

## MATERIAL SAFETY DATA SHEET


### SECTION 1 - IDENTIFICATION

**Product Code:** 194301  
**Product Use:** Hair Styling Foam (Aerosol)  
**Issue Date:** 12/15/12      **Review Date:** 12/15/12  
**US DOT Shipping Name:** Consumer Commodity ORM-D  
**IATA Shipping Name:** Class 9, ID 8000  
**IMGD Shipping Name:** UN 1950, Class 2.1, PG II  
**Scruples Professional Salon Products, Inc.**  
**8231 214th Street West**  
**Lakeville, MN 55044**  
**(952) 469-4646**  
**Emergency Telephone Number:** CHEMTREC 1-800-424-9300  
**International CHEMTREC Emergency Number:** 01-703-527-3887  
**USE ONLY FOR CHEMICAL SPILL, FIRE OR LEAK EMERGENCY**  
**Medical Emergencies: Contact your local poison control center.**

### SECTION 2 - HAZARDS IDENTIFICATION

**Hazard Classification:** Category 2 - Flammable Aerosol      **Signal Word:** Warning      **Symbol:** Flame  
**Hazard Statement:** Flammable Aerosol  
**Precautionary Statements:**  
 - CONTENTS FLAMMABLE. CONTENTS UNDER PRESSURE. DO NOT PUNCTURE OR INCINERATE.  
 - Do not store at temperatures above 120F.  
 - Intentional misuse by deliberately concentrating or inhaling contents can be harmful or fatal.  
 - Avoid spraying in eyes. For external use only. Adult supervision recommended. Keep out of reach of children.

HMIS	
Health:	1
Flammability:	3
Physical Hazard:	0



### SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

**Non-Hazardous Ingredients:** Composition of non-hazardous ingredients is considered confidential and are withheld.  
**Hazardous Ingredients:** Defined by OSHA, 29 CFR 1910.1200, WHMIS under HPA (Canada), and/or ESIS (Europe).

Component	CAS No.	EINECS/ELINCS	EU Classification	OSHA PEL	ACGIH TLV	Wt. %
1,1-Difluoroethane	75-37-6	200-866-1	Extremely Flammable	Not Established	Not Established	< 10
Butane	106-97-8	203-448-7	Extremely Flammable	Not Established	TLV 1000ppm	< 5

### SECTION 4 - FIRST AID MEASURES

**Inhalation:** If respiratory distress or irritation occurs, remove victim to fresh air. Seek medical attention in the event of an adverse reaction or if symptoms of irritation develop.  
**Skin:** Seek medical attention in the event of an adverse reaction or if symptoms of irritation develop.  
**Ingestion:** Seek medical attention if ingestion occurs.  
**Eyes:** Hold eyelids 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.  
**Signs & Symptoms of Overexposure:** Treat symptomatically. No specific antidotes are recommended.  
 For some individuals prolonged/repeated skin exposure may cause irritation or aggravate existing skin conditions.

### SECTION 5 - FIRE FIGHTING MEASURES

**Flash Point (Method Used):** -50 C (-58 F) - 1,1-difluoroethane      **Flammable Limits:** LEL: 3.9      UEL: 16.9  
 -60 C (-76 F) - butane      LEL: 1.9      UEL: 8.5  
**Extinguishing Media:** Small fires: Dry chemical, carbon dioxide. Large fires: Universal foam or water spray.  
**Special Fire Fighting Procedures:** Use self-contained breathing apparatus and full protective gear if large quantities of product are involved.  
**Unusual Fire and Explosion Hazards:** Closed containers may explode (due to pressure buildup) when exposed to extreme heat.  
 Thermal decomposition may include oxides of carbon and/or nitrogen.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

Observe all personal protection equipment recommendations described in Sections 5 and 8. For large spills, dike or contain spill. Clean up spill with appropriate absorbent material and dispose appropriately. Clean area to prevent a slip hazard. Local, state, and federal laws and regulations may apply to the release and disposal of this material, as well as materials used in the clean up. Spills may be reportable to the National Response Center (800-424-8802).

### SECTION 7 - HANDLING AND STORAGE

Utilize standard safe handling and transportation techniques to avoid spillage or rupture of the product. Do not eat, drink, or smoke in the work area.  
 For professional and consumer use, use as directed and avoid eye contact. Wash hands after use. Avoid heat, sparks, flame, or smoking during use.  
**Minimum/Maximum Storage Temperatures:** 4 to 49 C (39 to 120 F)      **Expected shelf life,** if stored under optimum conditions, is three (3) years.  
 Store in a cool, dry, and well-ventilated area away from ignition sources and direct sun-light, and away from incompatible materials.

### SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

This is a personal care product that is safe for consumers under normal and reasonably foreseeable use. Engineering controls or personal protective equipment are not required for consumer use.

**Industrial Setting:** Refer to Section 2 for components with exposure limits for the industrial workplace.

**Engineering Controls:** Use in well ventilated area. Store as directed in Section 7.

**Personal Protective Equipment:** Respiratory Protection: Not required.      Eye/Face: Safety glasses or goggles if splash hazards exist.

Skin: Not required. Avoid prolonged contact with skin and clothing.

**Work/Hygienic Practices:** Always follow good hygienic work practices.



**DIRECT VOLUME Spray Foam****SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point:	N/D	Specific Gravity (H2O=1):	0.990 +/- 0.005
Vapor Pressure (mm Hg.):	45 - 55 psig @ 70F	Melting Point:	N/D
Vapor Density (AIR=1):	N/D	Percent Volatiles by Volume:	< 5%
Solubility in Water:	Soluble	pH:	8.2 +/- 0.5
Appearance & Odor:	Clear, yellow liquid (base); White Foam (dispensed); Herbal scent	Freezing Point:	N/D

**SECTION 10 - STABILITY AND REACTIVITY**

Stability:	Stable under normal handling and storage conditions.	Conditions to Avoid:	Freezing, Heat, Open Flame.
Incompatibility (Chemicals to Avoid):	Strong acids, strong bases, strong oxidizing agents, strong reducing agents.		
Hazardous Decomposition (under fire conditions) may include:	Oxides of carbon, Oxides of nitrogen, Oxides of sulfur (for hair dyes), Oxides of Phosphorus.		
Hazardous Polymerization:	Not expected.		

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Toxicity Tests: Data is not available.

<b>Acute Health Hazards:</b>	Eye: Contact may cause mild, transient irritation.	Inhalation: Not expected to be irritating.
	Skin: Not expected to be irritating or sensitizing.	Ingestion: May cause mild gastrointestinal irritation.
<b>Chronic Health Hazards:</b>	Not expected to have chronic health effects.	
<b>Carcinogenicity:</b>	Not expected to be carcinogenic.	NTP: No      IARC: No      OSHA: No

**SECTION 12 - ECOLOGICAL INFORMATION**

Ecological Tests: Data is not available.

**Environmental Impact:** The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Dispose of according to all applicable local, state, and federal regulations. Industrial setting: RCRA Ignitable hazardous waste, D001.

**SECTION 14 - TRANSPORT INFORMATION**

**US DOT (Ground) Shipping Name:** Consumer Commodity, ORM-D

**IATA (Air) Shipping Name:** Consumer Commodity, ID 8000, Class 9

**IMGD (Vessel) Shipping Name:** UN 1950, Aerosols, Class 2.1, PG II, Ltd. Qty.

**SECTION 15 - REGULATORY INFORMATION**

**US FDA:** This product is regulated as a cosmetic under the Federal Food, Drug, and Cosmetic Act and is safe to use as directed on the package.

**US EPA:** SARA Title III, Sections 302/304, 311/312, 313 Chemicals: None at reportable quantities.

CAA, Section 112 - Threshold Quantities: 1,1-Difluoroethane = 10,000 lbs

CERCLA Reportable Quantity: RCRA D001/Unlisted Ignitable Hazardous Waste; 1,1-Difluoroethane = 100 lbs

**California Proposition 65:** This product is not subject to warning labeling.

**California Safe Cosmetics Act Chemicals:** None

**State Right-To-Know:**

Ingredient	CAS No.	Percent	State
1,1-Difluoroethane	75-37-6	< 10	Massachusetts, Pennsylvania, New Jersey
Buiane	106-97-8	< 5	Massachusetts, Pennsylvania, New Jersey, Rhode Island

**Canada:** This product is regulated as a cosmetic under Health Canada's Food and Drugs Act. All chemical components of the product are listed on DSL, NDSL, ICL or exempt.

**Europe:** This product is regulated under the EU Cosmetic Regulation (EC) No 1223/2009 and is safe to use as directed on the package.

**EU Risk Phrase:** R11 - Highly Flammable

**EU Safety Phrases:** S2 - Keep out of reach of children. S16 - Keep away from sources of ignition - No Smoking.

S26 - If swallowed, seek medical advice immediately and show this container or label.

S35 - This material and its container must be disposed of in a safe way.

**SECTION 16 - OTHER INFORMATION**

ACGIH	American Conference of Governmental Industrial Hygienists	ICL	In-Commerce List (Canada)
CAA	Clean Air Act	NDSL	Non-Domestic Substance List (Canada)
CFR	Code of Federal Regulations	NFPA	National Fire Protection Association
DOT	Department of Transportation	NTP	National Toxicology Program
DSL	Domestic Substance List (Canada)	OSHA	Occupational Safety & Health Administration
EINECS	European Inventory of Existing Chemical Substances	PEL	Permissible Exposure Limits
ESIS	European Substance Information System	RCRA	Resource Conservation and Recovery Act
EPA	Environmental Protection Agency	SARA	Superfund Amendments and Reauthorization Act
HPA	Hazardous Products Act (Canada)	TLV	Threshold Limit Values
IARC	International Agency for Research on Cancer	TWA	Time Weighted Average
IATA	International Air Transportation Association	WHMIS	Workplace Hazardous Materials Information System

N/A=Not Applicable    N/D=Not Determined    N/E= Not Established

Last Revision Date: 10/8/03

Reason for Revision: Update to 16 part GHS format and requirements.

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