Safety Data Sheet

Big Sexy Hair Spray & Play

SECTION 1: IDENTIFICATION

SDS FIRST PREPARATION DATE: **October 7, 2016**
FORMULA: F-3038
GENERIC/CHEMICAL NAME: N/A
PRODUCT TYPE/CHEMICAL FAMILY: Personal Care Product
PRODUCT CODE: N/A
SYNONYMS: Sexy Hair – Spray & Play 55% VOC
CONTACT ADDRESS: Sexy Hair Concepts, LLC. 21551 Prairie St. Chatsworth, CA 91311

EMERGENCY PHONE NUMBERS:
CHEMREC 1-800-424-9300 (24 hours daily)

SECTION 2: HAZARDS IDENTIFICATION

Classified as Hazardous Substance and Dangerous Goods.

Classification:	Category 2 Flammable Aerosol
Eye Damage / Irritation:	Category 2B
Signal Word:	Danger
Hazard Statements:	Causes Eye Irritation Flammable Aerosol Highly Flammable liquid and vapor
Hazard Pictograms:	

Precautionary Statements:

Prevention:	Pressurized Container. Do not pierce or burn, even after use. May burst if heated. No smoking during use. Keep away from heat, sparks, open flames, hot surfaces. Do not spray on open flame or other ignition source. Keep out of reach of Children. May cause drowsiness or dizziness.
Response:	IF IN EYES: Rinse cautiously with water for several minutes. Remove Contact Lenses. Continue rinsing. If eye irritation persists, get medical attention and/or advice. IF INHALED: Move to fresh air.
Storage:	Protect from Sunlight. Do not expose to temperatures exceeding 48°C / 120°F.
Disposal:	None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition:

Ingredient	Synonyms	No. CAS	Percent
Ethanol	Alcohol, Anhydrous alcohol	64-17-5	53.23
Hydrofluorocarbon 152a	R-152A, Difluoroethane	75-37-6	40
Amino-methyl-propanol	AMP	124-68-5	1.08

	NPCA-HMIS	NFPA 704
HEALTH	1	N/A
FLAMMABILITY	4	N/A
REACTIVITY	0	N/A

KEY: NPCA-HMIS/NFPA 704
4=Severe/Extreme
3=Serious/High
2=Moderate/Moderate
1=Slight/Slight
0=Minimal/Insignificant

SECTION 4: FIRST AID MEASURES

Inhalation: Move to fresh air, keep at rest. If symptoms persist, get medical attention.

Eye Contact: Rinse cautiously with water for several minutes. Remove Contact Lenses. Continue rinsing. If eye irritation persists, get medical attention and/or advice.

Skin Contact: None under normal use. If irritation occurs, rinse thoroughly with warm water. Wash affected area with soap and water. Remove contaminated clothing and launder before reuse. If irritation or swelling persists, consult a physician immediately.

Ingestion: Product is not likely to be ingested. If this occurs, treat symptomatically. Drink plenty of water or milk. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Require medical assistance immediately and estimate time and quantity ingested.

Symptoms or Effects of Acute exposure:

Inhalation: Coughing, nasal congestion, irritation to nose, throat and respiratory system.

Eye Contact: May cause redness, itching and stinging.

Skin Contact: Irritation, redness, allergic skin reactions such as dermatitis.

Ingestion: May cause nausea, vomiting, diarrhea and central nervous system depression.

Delayed Symptoms: May cause eye irritation. Most symptoms are acute from overexposure.

SECTION 5: FIRE FIGHTING MEASURES

Fire and explosion:	Aerosol Level 1 NFPA 30B. Aerosols burst at temperatures above 120°F (48°C) or when exposed to direct fire. In case of fire nearby aerosols, keep them cool by directing cool water until fire is completely extinguished. If aerosols are bursting due to direct exposure to fire, keep away until bursting finishes. Aerosols may be projectile hazards carrying fire to other areas.
Suitable Extinguishing Media:	Dry chemical, foam, halon, CO2 or water spray
Unsuitable Extinguishing Media:	None
Firefighting Procedure Recommendations:	Keep aerosols cool until fire is out. Aerosols burst at temperatures above 120°F (48°C) or when exposed to direct fire. In case of fire in any area near the aerosols, use jets of cold water over the containers in order to prevent increased temperature and pressure. Wear self-contained breathing apparatus and full protective gear.

SECTION 6: ACCIDENTIAL RELEASE MEASURES

Containment:	Contain and absorb with inert material, ventilate area, eliminate sources of ignition, flames or sparks, interrupt the electrical current, avoid contact with skin, eyes and breathing vapors.
Personal Precautions:	Use the appropriate safety equipment (PPE). Avoid contact with skin, eyes and do not breath vapors 
Cleanup Procedure:	Do not puncture or incinerate cans. Vapors and liquid extremely flammable. Dispose of waste in accordance with environmental standards and local regulations, state and federal implement.
Emergency Procedure:	The aerosol container is airtight, no room for massive spills or leaks. In case of leakage of several cans due to rupture, eliminate all ignition sources (smoking, sparks, flames)

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Keep away from open flames, hot surfaces and sources of ignition. Avoid smoking during handling. Observe label precautions. Avoid puncturing cans. Take all necessary precautions using lift trucks. Forklifts handling flammable aerosols should be ex proof.

Conditions for Safe Storage: Store in a cool, dry well ventilated area. Avoid temperatures above 40°C. Avoid heat and direct sunlight. Do not keep aerosols inside cabin of cars. Aerosols may explode due to excessive heat causing injuries to people and / or car.
NFPA 30B: Level 1 Aerosol (Storage)

Incompatible Products: None known.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

		ACGIH		OSHA PEL		NOM 076 SSA1		Other
Ingredient	**No. CAS**	**TLV ppm**	**STEL ppm**	**TWA**	**TWA**	**TWA**	**Limit immediately dangerous to life & health**	**DNEL (Derived No effect level)**
Ethanol (Anhidrous Alcohol)	64-17-5	1000	1000 15 mins	1000 ppm 8 hours	1900 mg/m3 8 hours	1000 ppm	3300ppm	N/A
Difluoroethane (R152A)	75-37-6	1000	N/A	N/A	N/A	N/A	N/A	675mg/m3

Appropriate Engineering Controls: Use in well ventilated areas. Use local exhaust ventilation in order to keep workers or customer exposure to airborne contaminants below recommended limits above.

Personal Protective Measures: None required for normal conditions of use. Avoid eyes and skin contact. For prolonged use (above 20 minutes per day), use rubber gloves and safety glasses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State @21°C liquid & gas pressurized in aerosol container
Appearance: Aerosol particles in a fine spray
Appearance of bulk without gas: straw yellow liquid
Odor: Perfume characteristic
Odor Threshold: No information available
pH: 9.2 - 9.7
Melting / freezing point: No information available
Initial Boiling point / boiling range: No information available
Flashpoint: bulk 12-16°C
Evaporation Rate: No information available

Flammability:	Flammable Product
Upper /Lower Flammability limits:	Lower 3.3%; Upper 19%
Vapor Pressure:	70 -90 psig @ 21°C
Vapor Density:	above 1.0
Relative Density:	0.80 to 0.83 @25°C
Solubilities:	soluble in water
Partition Coefficient:	No information available
Autoignition Temperature:	No information available
Decomposition Temperature:	No information available
Viscosity:	Not Applicable when sprayed (aerosol)

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	None under recommended storage conditions.
Chemical Stability:	Stable under recommended storage and handling conditions.
Hazardous Reactions:	When sprayed, mist is extremely flammable. Avoid sparks, open flames, hot surfaces and sources of ignition. Product will not polymerize.
Conditions to avoid:	Direct sunlight, flames, heat sources, temperatures above 48°C (120°F). Do not keep aerosols inside cabin of cars. Aerosols may explode due to excessive heat causing injuries to people and / or car.
Incompatible Materials:	Alkalis, oxidizing agents, metal powders, acids

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:

Inhalation:	YES	**Ingestion:**	NOT LIKELY
Skin:	YES	**Eyes:**	YES

Delayed, Immediate of Chronic Effects of Exposure:

Inhalation:	Coughing, nasal congestion, irritation to nose, throat and respiratory system.
Eye Contact:	May cause redness, itching and stinging.
Skin Contact:	Irritation, redness, allergic skin reactions such as dermatitis.
Ingestion:	May cause nausea, vomiting, diarrhea and central nervous system depression.
Toxicity:	Product not tested on animals.
Found in literature:	

	Oral LD50	**Dermal LD50**	**Inhalation LC50**
Difluoroethane (R152-A) CAS 75-37-6	> 1500 mg/kg bw (Rat)	-	> 43.75% (437500ppm), 4 h
Ethanol CAS 64-17-5	7060 mg/kg	LDL rabbit 20,000 mg/kg	66,000 mg/l

Product is not reported as Carcinogen

Difluoroethane: Reproductive toxicity of NOEC = 50000 ppm
Genotoxicity: weakly positive.

Ethanol: No carcinogenic, no teratogenic effects, no mutagenic effects, no reproductive toxicity.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity tests performed on aquatic and/or terrestrial organisms:
No specific ecological data available for this product.
Ethanol is biodegradable in the environment. It is a metabolite of and nutrient of microbes.

Difluroethane:
Found in Literature:

	Algae / Aquatic plants EC50	**Fish LC50**
Difluoroethane CAS 75-37-6	**47.755 mg/L**	**295.783 mg/L: 96 h Fish**

Poorly absorbed into soil or sediments. Product tend to volatize rapidly into the air.

Adverse Effects: No known ozone layer depleting potential. 55% Volatile Organic Compound

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal and Treatment:	Aerosol Cans are regulated as D003 reactive hazardous waste and / or D001 ignitable hazardous waste in some states due to the potential to explode when heated or punctured. Check local, state and federal laws and regulations in order to determine appropriate disposal. Only licensed facilities must provide treatment, storage and disposal of hazardous waste.
DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER.	
Aerosols are Pressurized Containers. Do not pierce or burn, even after complete use. Empty containers may contain flammable and explosive vapors.	

SECTION 14: TRANSPORT INFORMATION

United Nations Code (UN number): UN 1950
DOT:
U. S. DOT Proper Shipping Name: UN1950 Aerosols 2.1
U. S. DOT Hazard Class: ORM-D / 2.1
U. S. DOT Labels Required: None
IATA:
IATA Proper Shipping Name: Consumer Commodity ORM-D (at Home)
Aerosols, Flammable, NOS, UN1950 (Export)
IATA Hazard Class: 2.1

IATA Labels Required:	Consumer Commodity ORM-D (at Home) Flammable Gas (Export)
Bill of Lading Description:	Consumer Commodity ORM-D-AIR, 9, ID8000 (Domestic) Aerosols, Flammable, N.O.S., 2.1, UN1950 (Export)
IMDG:	
IMDG Shipping Name:	Aerosols
IMDG Hazard Class:	2.1
IMDG Labels Required:	The box must be marked "Aerosols"
IMDG Secondary Labels Required:	Hollow Diamond with UN1950 Marked in Center
IMDG Placards Required:	None
Bill of Lading Description:	Aerosol, 2, UN1950
Marine Pollutant:	No
IMDG Page Number:	2102
SCT:	
SCT	UN1950, AEROSOLES, 2.1

SECTION 15: REGULATORY INFORMATION

SARA 313:	Not applicable for consumer use.
CERCLA:	Not applicable for consumer use.
Food and Drug Administration (FDA):	The product described in this Safety Data Sheet is regulated under the Federal Food, Drug, and Cosmetics Act and is safe to use as per directions on container, box or accompanying literature.
Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61):	Not applicable for consumer use.
Clean Water Act:	Not applicable for consumer use.
California Proposition 65:	This product is not subject to warning labeling under California Proposition 65.
Cofepris:	This product complies with requirements of the Secretaría de Salud for Personal Care Products.
TSCA:	The components of this product are listed on the TSCA Inventory

SECTION 16: OTHER INFORMATION

This SDS has been prepared under the Hazard Communications Standard of OSHA.

ABBREVIATIONS:

ACGIH:	American Conference of Governmental Industrial Hygienists
DOT:	Department of Transportation
IMDG:	International Maritime Dangerous Goods Code
NFPA:	National Fire Protection Association
OSHA:	Safety and Health at Work
PEL:	Permissible Exposure Limits

ppm:	parts per million
CERCLA:	Comprehensive Environmental Response Compensation and Liability Act
SARA:	Superfund Amendments and Reauthorization Act
TLV:	Threshold Limit Value

Disclaimer:

To the best of our knowledge, the information contained herein is accurate. However, the above-named supplier assumes no liability whatsoever for the accuracy or completeness of the information contained herein. The information given is designed only as guidance for the safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GENERAL INFORMATION:

CAS No.	Chemical Abstract Service Number

EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Governmental Industrial Hygienists
C	Ceiling Limit
ES	Exposure Standard (Australia)
IDLH	Immediately Dangerous to Life and Health
OSHA	U.S. Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short-Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.

HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard

HEALTH
FLAMMABILITY
PHYSICAL HAZARDS
PERSONAL PROTECTION

PERSONAL PROTECTION RATINGS:

A		**G**	
B		**H**	
C		**I**	
D		**J**	
E		**K**	
F		**X**	**Consult your supervisor or SOPs for special handling directions.**

OTHER STANDARD ABBREVIATIONS:

ML	Maximum Limit
mg/m3	milligrams per cubic meter
NA	Not Available
ND	Not Determined
NE	Not Established
NF	Not Found
NR	No Results
ppm	parts per million
SCBA	Self-Contained Breathing Apparatus

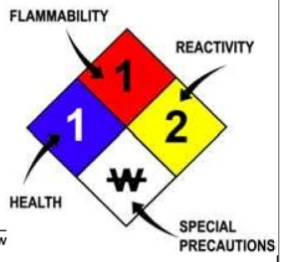
NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:

Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

HAZARD RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
ACD	Acidic
ALK	Alkaline
COR	Corrosive
W	Use No Water
OX	Oxidizer
TREFOIL	Radioactive



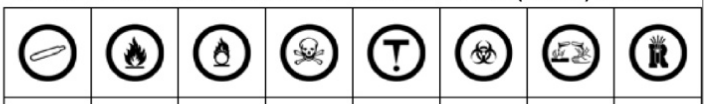
TOXICOLOGICAL INFORMATION:

LD_{50}	Lethal Dose (solids & liquids) w s
LC_{50}	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD_{lo}	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD_{lo}, LD_{lo}, & LD_o or TC, TC_o, LC_{lo}, & LC_o	Lowest dose (or concentration) to cause lethal or toxic effects
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TL_m	Median threshold limit
log K_{OW} or log K_{OC}	Coefficient of Oil/Water Distribution

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NOHSC	National Occupational Health and Safety Commission (Australia)
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
WGK	Wassergefährdungsklassen (German Water Hazard Class)
HMIS-III	National Paint & Coatings Association Hazardous Materials Identification System

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

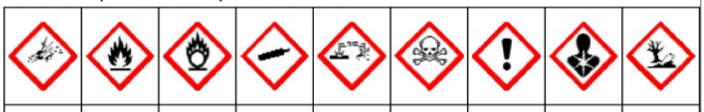


Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

EC (67/548/EEC) INFORMATION:

C	E	F	N	O	T	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

CLP/GHS (1272/2008/EC) PICTOGRAMS:



GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment