[redacted]

******SAFETY DATA SHEET******

1. PRODUCT INFORMATION	
1.1	**Product Name:** PULP RIOT DRY SHAMPOO – HARRIS WELLA ROOT SHOOT TYPE
1.2	**Product Identification:** 222-7B
1.3	**Recommended Use / Product Use:** Hair Care
1.4	[redacted]
1.5	[redacted]
1.6	[redacted]
1.7	[redacted]

2. HAZARDOUS INGREDIENT INFORMATION

SECTION 2.1

Classification: Extremely Flammable aerosol, Category 1 **Hazard Code: H223** **Signal Word: Danger** **Hazard Statement: Pressurized container: May burst if heated** **Symbol: Flame:**	**Precautionary Code: Precautionary Statements :** **P210: Keep Away From Heat/sparks/open flames/hot surfaces. No smoking.** **P211: Do not spray on an open flame or other ignition source.** **P251: Do not pierce or burn, even after use.** **P410: Protect from sunlight.** **P412: Do not expose to temperatures exceeding 50°C/122°F.**

- Aerosols with ≥ 85% flammable components *and* a heat of combustion of more than 30 kJ/g

2.2	HEALTH	ENVIRONMENTAL	PHYSICAL
	There is no data on the product itself = ND	There is no data on the product itself = ND	Pressurized Container: May Burst if Heated: H229

3. COMPOSITION/INFORMATION ON INGREDIENTS: ***Mixture*** / ***CBI***

NOTE: *For information on ingredients, the competent authority rules for CBI take priority over the rules for product identification.*

[redacted]

******SAFETY DATA SHEET******

CHEMICAL IDENTITY	CAS #	EINECS#	% (In Total Formula)	FLASHPOINT	OTHER
Isobutane	75-28-5	200-857-2	38 - 46	- 132.23ºF	1,3-butadiene < 1ppm
Alcohol Denat.	64-17-5	200-578-6	3 - 15	55ºF	Denatured
Propane	74-98-6	200-827-9	35 - 50	- 156ºF	1,3-butadiene < 1ppm

3.1	Impurities and stabilizing additives which are themselves classified and which contribute to the classification of the substance.
None present	
3.2	▪ Mixture: The chemical identity and concentration or concentration ranges of all ingredients which are hazardous within the meaning of the GHS and are present above their cut-off levels. ▪ Cut-off level for reproductive toxicity, carcinogenicity and category 1 mutagenicity is ³ 0.1% Cut-off level for all other hazard classes is ³ 1% ***NOTE***: *For information on ingredients, the competent authority rules for CBI take priority over the rules for product identification.*
None present	

4. FIRST AID MEASURES

4.1	**First Aid:** INGESTION: Drink enough water to dilute. Consult physician immediately EYES: Flush eyes with plenty of water to ensure complete flushing. e.g., Eye wash station for 15 minutes. If irritation persists, seek medical attention SKIN: Wash thoroughly with mild soap and water. If irritation persists, seek medical attention INHALATION: Remove victim to fresh air at once. If breathing is difficult, seek medical attention
4.2	**Medical Conditions Aggravated by Exposure:** Pre-existing respiratory and skin disorder.

5. FIREFIGHTING MEASURES

5.1	**Extinguishing Methods: (suitable and unsuitable)**	CO_2, Foam, Dry Chemical, and Water Spray
5.2	**Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products).**	Closed containers exposed to excessive heat may rupture. Do not crush or puncture containers.
5.3	**Special protective equipment and precautions for firefighters.**	Fire should be fought from a safe distance. Firefighters should wear full face, self-contained breathing apparatus, and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1	**Personal precautions, protective equipment and emergency procedures:**	Depending on extent of release, consider the need for fire fighters/emergency responders with adequate personal protective equipment for cleaning up. Do not eat, drink, or smoke while cleaning up.
6.2	**Ventilation**	Use with adequate ventilation
6.3	**Respiratory**	None required, when used with adequate ventilation
6.4	**Environmental Precautions:**	Do not dispose of product into storm drains or waterways.
6.5	**Methods and materials for containment and cleaning up**.	Exclude sources of ignition and ventilate the area. Avoid breathing vapors. Refer to protective measures in section 7 and 8. Product is packed in aerosol containers. Dispose of any leaking aerosols per site instructions after placing in safe fireproof containers with leaking material absorbed by earth or other non-flammable absorbent.

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******SAFETY DATA SHEET******

7. HANDLING & STORAGE INFORMATION	
7.1	**Precautions for Safe Handling:** Wash hands thoroughly after using this product and before eating, drinking, or smoking
7.2	**Conditions for safe storage, including any incompatibilities.** Keep away from excessive heat, open flames, sparks, and other possible source of ignition. Do not store in damaged or unmarked containers or storage devices. For warehouse storage, pallets and cases should be placed to avoid damage or rupture from material handling equipment. With use, spray aerosol carefully and cap after each use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1	**Control parameters, e.g., occupational exposure limit values or biological limit values.**
8.2	**Appropriate engineering controls.**
8.3	**Personal Protective Equipment:** None required under normal conditions of use. When handling large quantities (e.g., ≥ 1 gallon), wear protective eyeglasses, gloves, boot, and apron per OSHA regulations (29 CFR 1910.133)

CHEMICAL IDENTITY	CAS #	EINECS#	EXPOSURE LIMITS IN AIR		OTHER
			TLV ppm	PEL ppm	
Isobutane	75-28-5	203-448-7	800	800	Unknown
Alcohol Denat.	64-17-5	201-142-8	1000	1000	Unknown
Propane	74-98-6	200-827-9	1000	1000	Unknown

9. PHYSICAL & CHEMICAL PROPERTIES - TENTATIVE

ND = NO DATA / N/A = NOT APPLICABLE

		CONCENTRATE:	AEROSOLIZED PRODUCT:
9.1a	**Appearance:**	Opaque liquid which settles upon standing to a clear liquid with a thick powder layer at bottom.	Strong Spray
9.1b	**Color:**	Off-White	Off-White
9.1c	**Specific Gravity:**	Approx. 1.0	N/A
9.1d	**Viscosity:**	N/A	N/A
9.2	**Odor**	TO MATCH STANDARD	TO MATCH STANDARD
9.3	**Odor Threshold**	TO MATCH STANDARD	TO MATCH STANDARD
9.4	**pH:**	N/A	N/A
9.5	**Melting point/freezing point**	ND	N/A
9.6	**Initial Boiling Point and Boiling Range:**	ND	N/A
9.7	**Flashpoint:**	ND	N/A
9.8	**Evaporation Rate**	ND	N/A
9.9	**Flammability: solid/gas**	ND	N/A
9.10	**Upper/lower flammability or explosive limits**	ND	N/A
9.11	**Vapor pressure**	ND	N/A
9.12	**Vapor density**	ND	N/A
9.13	**Relative density**	See Specific Gravity	N/A
9.14	**Solubility(ies)**	ND	N/A
9.15	**Partition coefficient: n-octanol/water**	ND	N/A
9.16	**Autoignition temperature**	ND	N/A
9.17	**Decomposition temperature**	ND	N/A
9.18	**Volatile Organic Compounds (VOC) %**	ND	VOC = >75.0%

10. STABILITY & REACTIVITY

10.1	**Chemical Stability:**	Stable under normal conditions of use

10.2	**Possibility of hazardous reactions:**	Hazardous polymerization will not occur.
10.3	**Conditions to Avoid:**	Use or storage near open flames, sparks, high heat (>100°F) or other heat sources
10.5	**Incompatible Substances:**	Strong oxidizing agents
10.2	**Hazardous Decomposition Products:**	Irritating vapors and toxic gases when involved in fire

11. TOXICOLOGICAL INFORMATION

11.1	**TYPES OF EXPOSURE:**								
	ROUTES OF EXPOSURE:	**Skin**	X	**Inhalation**	X	**Eyes**	X	**Ingestion**	X

	HEALTH EFFECTS OF EXPOSURE:	**IMMEDIATE**	**CHRONIC**
	INGESTION:	May cause gastrointestinal irritation	Seek medical attention if symptoms persist.
	EYES:	Liquid and vapor may cause mild to severe eye irritation.	Seek medical attention if symptoms persist.
	SKIN:	Repeated contact may cause irritation and drying of the skin. **Contact with propellant may cause freeze burns.**	Seek medical attention if symptoms persist.
	INHALATION:	Vapor may cause irritation to the upper respiratory tract	Seek medical attention if symptoms persist.

12. ECOLOGICAL INFORMATION

12.1	There is no date on the product itself.
12.2	Eco-toxicity (aquatic and terrestrial, where available). Persistence and degradability. Bio-accumulative potential. Mobility in soil. Other adverse effects: There is no data available on the product itself.
12.3	The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface water.

13. DISPOSAL CONSIDERATIONS

13.1	Dispose of in accordance with federal, state or local regulations.

14. TRANSPORTATION INFORMATION

14.1 SHIPPING NAME

49CFR (GND) CONSUMER COMMODITY, ORM-D (≤ 1.0L)
or
Regulated 49 CFR (GND) UN1950, AEROSOLS, FLAMMABLE, 2.1, "LTD. QTY."
or
Regulated 49 CFR (GND) UN1950, AEROSOLS, FLAMMABLE, 2.1
or
Regulated IATA (AIR) ID 8000, CONSUMER COMMODITY, 9
or
Regulated IATA (AIR) UN 1950, AEROSOLS, FLAMMABLE, 2.1, "LTD. QTY."
or
Regulated IATA (AIR) UN 1950, AEROSOLS, FLAMMABLE, 2.1
or
Regulated IMDG (OCN) UN1950, AEROSOLS, FLAMMABLE, 2.1, "LTD. QTY."
EMS # F-D, S-U
Regulated or
IMDG (OCN) UN1950, AEROSOLS, FLAMMABLE, 2.1

<u>CHOOSE FROM THE FOLLOWING SYMBOLS:</u>

14.2	HAZCHEM CODE:	Regulated	Aerosol Level: (3)
14.3	MARINE POLLUTANT:	N	49 CFR APPENDIX B SECTION 172.101

15. REGULATORY INFORMATION

15.1	Contents of this SDS comply with the OSHA Hazard Communication Standard CFR 1910.1200: *The Globally Harmonized System of Classification and Labelling of Chemicals* (GHS)
15.2	**EPA SARA Title III Chemical Listings** Section 302 Extremely Hazardous Substances: None Section 304 CERCLA Hazardous Substances: None Section 313 Toxic Chemicals: None present or none present in regulated quantities.
15.3	California Proposition 65: Beta Myrcene (indirect from natural food sources)
	UN GHS: Globally Harmonized System of Classification and Labelling of Chemicals (GHS) ("The Purple Book"), United Nations, 2005 First Revised Edition, available online or from United Nations Publications. UN GHS website
	USA: Federal Hazardous Materials Transportation Law (49 U.S.C. 5101 *et seq.*).
	USA: OSHA Hazard Communication Standard 29 CFR 1910.1200.

16. OTHER INFORMATION: including information on preparation and revision of the SDS

16.1	Version: 1 Revision: 0 Date: 2017-06-27 Author/Initials: Victoria C. Voss / VCV
16.2	**Disclaimer:** This Safety Data Sheet is offered pursuant to **Globally Harmonized System[2](GHS)** OSHA's Hazard Communication Standard, 29 CFR § 1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of 2-2-0 Laboratories Inc.'s knowledge, the information contained herein is reliable and accurate as of the date issued; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided.
16.3	**Definitions:** ***Aerosols*** means any non-refillable receptacles made of metal, glass or plastics and containing a gas compressed, liquefied or dissolved under pressure, with or without a liquid, paste or powder, and fitted with a release device allowing the contents to be ejected as solid or liquid particles in suspension in a gas, as a foam, paste or powder or in a liquid state or in a gaseous state. Aerosol includes aerosol dispensers. ***Mixture*** means a mixture or a solution composed of two or more substances in which they do not react. ***CBI*** means "confidential business information". **Carcinogenicity**: Carcinogen means a chemical substance or a mixture of chemical substances which induce cancer or increase its incidence. Substances and mixtures in this hazard class are assigned to one of two hazard categories. Category 1 has two subcategories. The Carcinogenicity Guidance Section in the GHS Document includes comments about IARC. ***AEL*** is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence (DuPont™ DYMEL A propellant – Material Safety Data Sheet Version 2.2, 11-02-2011).