

SAFETY DATA SHEET



Issuing Date: 08-Jun-2017

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Version 1

According to Regulation (EC) No. 1907/2006 (REACH) and its amendment Regulation (EU) 2015/830

This Safety Data Sheet (SDS) is not required under local legislation, implementing the UN Globally Harmonized System (GHS). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Identifier 91481492_RET_CLP_LATAM
Product Name Herbal Essences Blue Ginger Dry Shampoo

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Personal Beauty Care Product

1.3 Details of the supplier of the safety data sheet

Procter & Gamble Company

For further information, please contact: pgsds.im@pg.com

1.4 Emergency Telephone Number

Emergency Telephone CONTACT CHEMTREC
International toll-free translation services to U.S: +001-703-527-3887
In Country Numbers:
Argentina +(54)-1159839431
Brazil +(55)-2139581449
Chile +(56)-25814934
Columbia 01-800-710-2151
Mexico 01-800-681-9531

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

GHS / CLP - Regulation (EC) No 1272/2008

Serious eye damage/eye irritation Category 2 - (H319)
Aerosols Category 1 - (H222)

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 Label elements

Classification and procedure used to derive the classification for mixtures according to Regulation (EC)

1272/2008 [CLP]

Hazard pictograms



Signal Word

DANGER

Hazard Statements

H319 - Causes serious eye irritation
H222 - Extremely flammable aerosol
H229 - Pressurized container: May burst if heated

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 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

2.3 Other hazards

Other hazards

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

Chemical Name	CAS-No	EC-No	REACH Registration No	Weight %	GHS / CLP Classification 1272/2008 [CLP]	M-Factor (acute)	M-Factor (chronic)
Isobutane	75-28-5	200-857-2	01-2119485395-27	30 - 50	Flam. Gas 1(H220) Liquefied gas(H280)		
Ethanol	64-17-5	200-578-6	01-2119457610-43-04 79	30 - 50	Flam. Liq. 2(H225) Eye Irrit. 2(H319)		
Propane	74-98-6	200-827-9	01-2119486944-21	3 - 10	Flam. Gas 1(H220) Compressed gas(H280)		

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first-aid measures

Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

Main Symptoms May cause eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician Refer to section 4.1

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media Dry chemical powder. Carbon dioxide (CO₂). Alcohol-resistant foam. Water spray or fog.

Extinguishing Media Which Must Not Be Used For Safety Reasons No information available.

5.2 Special hazards arising from the substance or mixture

Special hazard None in particular.

5.3 Advice for firefighters

Special protective equipment for fire-fighters Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions Wear personal protective clothing (see section 8).

6.2 Environmental precautions

Environmental precautions Keep out of drains, sewers, ditches and waterways.

6.3 Methods and materials for containment and cleaning up

Methods for containment Dike far ahead of spill; use dry sand to contain the flow of material.

Methods for cleaning up Do not puncture or incinerate cans.

6.4 Reference to other sections

Other information Refer to protective measures listed in Sections 7 and 8.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Requirements for storage areas and containers Not applicable

7.3. Specific end use(s)

Specific end uses Not applicable

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure Guidelines
Recommended monitoring procedures Not available

Chemical Name	CAS-No	Austria	Belgium	Bulgaria	Czech Republic	Denmark		
Ethanol	64-17-5	STEL 2000 ppm STEL 3800 mg/m ³ TWA 1000 ppm TWA 1900 mg/m ³ TWA: 1000 ppm TWA: 1900 mg/m ³	TWA 1000 ppm TWA 1907 mg/m ³	TWA: 1000 mg/m ³	Ceiling: 3000 mg/m ³ TWA: 1000 mg/m ³	TWA: 1000 ppm TWA: 1900 mg/m ³		
Chemical Name	CAS-No	Estonia	European Union	Finland	France	Germany		
Ethanol	64-17-5	STEL: 1000 ppm STEL: 1900 mg/m ³ TWA: 500 ppm TWA: 1000 mg/m ³	-	TWA: 1000 ppm TWA: 1900 mg/m ³ STEL: 1300 ppm STEL: 2500 mg/m ³	TWA: 1000 ppm TWA: 1900 mg/m ³ STEL: 5000 ppm STEL: 9500 mg/m ³	TWA: 500 ppm TWA: 960 mg/m ³ Ceiling / Peak: 1000 ppm Ceiling / Peak: 1920 mg/m ³ Skin		
Chemical Name	CAS-No	Greece	Israel - Occupational Exposure Limits - TWAs	Ireland	Italy	Italy		
Ethanol	64-17-5	TWA 1000 ppm TWA 1900 mg/m ³		STEL: 1000 ppm	-			
Chemical Name	CAS-No	Latvia	Lithuania	Norway	Poland	Portugal		
Ethanol	64-17-5	TWA: 1000 mg/m ³	TWA 500 ppm TWA 1000 mg/m ³	TWA: 500 ppm TWA: 950 mg/m ³ STEL: 625 ppm STEL: 1187.5 mg/m ³	TWA: 1900 mg/m ³	TWA: 1000 ppm		
Chemical Name	CAS-No	Romania	Slovakia	Slovenia	Spain	Switzerland		
Ethanol	64-17-5	TWA: 1000 ppm TWA: 1900 mg/m ³ STEL: 5000 ppm STEL: 9500 mg/m ³	TWA: 500 ppm TWA: 960 mg/m ³	TWA: 1000 ppm TWA: 1900 mg/m ³ STEL: STEL ppm STEL: STEL mg/m ³	STEL: 1000 ppm STEL: 1910 mg/m ³	STEL: 1000 ppm STEL: 1920 mg/m ³ TWA: 500 ppm TWA: 960 mg/m ³		
Chemical Name	CAS-No	Sweden	The Netherlands	The United Kingdom	Singapore	Turkey	Thailand	Philippines
Ethanol	64-17-5	500 ppm LLV 1000 mg/m ³ LLV 500 ppm LLV; 1000 mg/m ³ LLV	Skin STEL: 1900 mg/m ³ TWA: 260 mg/m ³	STEL: 3000 ppm STEL: 5760 mg/m ³ TWA: 1000 ppm TWA: 1920 mg/m ³	PEL: 1000 ppm PEL: 1880 mg/m ³			TWA: 1000 ppm TWA: 1900 mg/m ³

Derived No Effect Level (DNEL)

Workers

Chemical Name	Worker - dermal, short-term - systemic	Worker - inhalative, short-term - systemic	Worker - dermal, short-term - local	Worker - inhalative, short-term - local
Ethanol				1900 mg/m ³

Chemical Name	Worker - dermal, long-term - systemic	Worker - inhalative, long-term - systemic	Worker - dermal, long-term - local	Worker - inhalative, long-term - local

Ethanol	343 mg/kg bw/d	950 mg/m ³		
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Consumers

Chemical Name	Consumer - inhalative, short-term - local	Consumer - dermal, short-term - local
Ethanol	950 mg/m ³	

Chemical Name	Consumer - oral, long-term - systemic	Consumer - inhalative, long-term - systemic	Consumer - dermal, long-term - systemic
Ethanol	87 mg/kg bw/d	114 mg/m ³	206 mg/kg bw/d

Predicted No Effect Concentration (PNEC)

Chemical Name	Fresh Water	Marine water	Intermittent release
Ethanol	0.96 mg/L	0.79 mg/L	2.75 mg/L

Chemical Name	Freshwater sediment	Marine sediment	Sewage treatment plant	Soil	air	Oral
Ethanol	3.6 mg/kg sediment dw	2.9 mg/kg sediment dw	580 mg/L	0.63 mg/kg soil dw		

8.2 Exposure controls

Appropriate engineering controls No information available

Personal protective equipment

Hand Protection No special protective equipment required.

Eye Protection **Manufacturing Sites:** . Wear safety glasses with side shields (or goggles).

Skin and Body Protection No special protective equipment required.

Respiratory Protection No special protective equipment required.

Hygiene Measures No information available

Environmental exposure controls See section 6 for more information.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical State @20°C aerosols
Appearance white, powder
Odor Perfume

<u>Property</u>	<u>Values</u>	<u>Note</u>
pH	Not available	
Melting/freezing point	Not available	Not available. This property is not relevant for the safety and classification of this product
Boiling point / boiling range	Not available	
Flash point	Not available	
Evaporation rate	Not available	
Upper flammability limit	Not available	
Lower Flammability Limit	Not available	Not available. This property is not relevant for the safety and classification of this product . Not available. This property is not relevant for the safety and classification of this product
Flammability (solid, gas)	Not available	
Vapor pressure	Not available	
Vapor density	Not available	
Relative density	Not available	

Solubility	Not available	Not available. This property is not relevant for the safety and classification of this product
Partition Coefficient (n-octanol/water)	Not available	Not available. This property is not relevant for the safety and classification of this product
Autoignition temperature	Not available	Not available. This property is not relevant for the safety and classification of this product
Decomposition temperature	Not available	
Viscosity	Not available	
Explosive properties	Not applicable	Not applicable. This product does not contain any substance which possesses dust explosible properties.
Oxidizing properties	Not available	Not applicable. This product is not classified as oxidizing as it does not contain any substances which possesses oxidizing properties CLP (Art 14 (2))

9.2 Other information

10. STABILITY AND REACTIVITY

10.1 Reactivity

Reactivity None under normal use conditions.

10.2 Chemical stability

Stability Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerization None under normal processing.

10.4 Conditions to Avoid

Conditions to Avoid No information available.

10.5 Materials to avoid

Incompatible Materials None in particular.

10.6 Hazardous Decomposition Products

Hazardous Decomposition Products None under normal use conditions.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Product Information

Principle routes of exposure	Eye contact, Skin contact, Inhalation, Ingestion.
Acute toxicity	Not Classified. Based on the available data, the classification criteria are not met.
Skin corrosion/irritation	Not Classified. Based on the available data, the classification criteria are not met.
Serious eye damage/eye irritation	Causes serious eye irritation.
Skin sensitization	Not Classified. Based on the available data, the classification criteria are not met.
Respiratory sensitization	Not Classified. Based on the available data, the classification criteria are not met.
Germ cell mutagenicity	Not Classified. Based on the available data, the classification criteria are not met.
Carcinogenicity	Not Classified. Based on the available data, the classification criteria are not met.
Reproductive toxicity	Not Classified. Based on the available data, the classification criteria are not met.
STOT - single exposure	Not Classified. Based on the available data, the classification criteria are not met.
STOT - repeated exposure	Not Classified. Based on the available data, the classification criteria are not met.
Aspiration hazard	Not Classified. Based on the available data, the classification criteria are not met.

Chemical Name	CAS-No	Oral LD50	Dermal LD50	Inhalation LC50
Ethanol	64-17-5	10470 mg/kg bw (OECD 401)	-	-

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Ecotoxicity effects

Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants.

Acute toxicity

Chemical Name	CAS-No	Toxicity to Fish (LC50)*	Toxicity to algae (EC50)*	Toxicity to daphnia and other aquatic invertebrates (EC50)*	Toxicity to Microorganisms (EC50)*	Toxicity to other organisms
Ethanol	64-17-5	14200 mg/L (US EPA E03-05; Pimephales promelas; 96 h)	275 mg/L (//OECD 201; Chlorella vulgaris; 72 h)	5012 mg/L (ASTM E729-80; Ceriodaphnia dubia; 48 h)	> 1000 mg/L (OECD 209; 3 h)	> 100 mg/L (Guideline not indicated; Lumbriculus variegatus; static; freshwater; 96 h)

* If different it will be explained in the table

Chronic Toxicity

Chemical Name	CAS-No	Toxicity to algae (NOEC or ECx)*	Toxicity to fish (NOEC or ECx)*	Toxicity to daphnia and other aquatic invertebrates (NOEC or ECx)*	Toxicity to Microorganisms (NOEC or ECx)*	Toxicity to other organisms
Ethanol	64-17-5	11.5 mg/L (//OECD 201; Chlorella vulgaris; 3 d)	7900 mg/L (Oryzias latipes; 8.33 d)	9.6 mg/L (Ceriodaphnia dubia; 10 d)		> 79 mg/L (Guideline not indicated; Rana temporaria; static; freshwater; 48 h)

* If different it will be explained in the table

12.2 Persistence and degradability

Chemical Name	CAS-No	Ready Biodegradation Test (OECD 301)	Abiotic Degradation Hydrolysis	Abiotic Degradation Photolysis	Biodegradation Other Tests
Ethanol	64-17-5	84% O ₂ ; 20 d	< 13148.72 d	17.2 d	83%; 3 d

12.3 Bioaccumulative potential

Chemical Name	CAS-No	Octanol/water partition coefficient	Bioconcentration factor (BCF)
Ethanol	64-17-5	-0.35	<10 (Read across data on Methanol; guideline not indicated; Leuciscus idus melanotus; aqueous; freshwater; 72 h)

12.4 Mobility in soil

Chemical Name	CAS-No	log Koc
Ethanol	64-17-5	1 (QSAR PCKOCWIN v1.66)

12.5 Results of PBT and vPvB assessment

PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6 Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste from Residues / Unused Products Aerosol cans, when disposed as waste, are regulated as D003 reactive hazardous waste in some States because of their potential to explode when heated. Check with your State environmental agency for guidance.

Disposal recommendations Dispose of in accordance with federal, state, and local regulations.

Contaminated packaging Pressurized container: Do not pierce or burn, even after use.

EWC Waste Disposal No 07 06 01

13.2 Additional information

Additional information No information available

14. TRANSPORT INFORMATION

IMDG

14.1 UN Number UN1950
14.2 UN Proper shipping name AEROSOLS
Description UN1950, AEROSOLS, 2.1
14.3 Transport hazard class(es) 2.1
14.4 Packing Group Not regulated
14.5 Environmental Hazards Not regulated
EmS-No F-D, S-U
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code No information available

IATA

14.1 UN no UN1950
14.2 UN Proper shipping name AEROSOLS, FLAMMABLE
Description UN1950, AEROSOLS, FLAMMABLE, 2.1
14.3 Hazard Class 2.1
14.4 Packing Group Not regulated
14.5 Environmental Hazards Not regulated
IATA comment

ICAO

14.1 UN no UN1950
14.2 UN Proper shipping name AEROSOLS
Description UN1950, AEROSOLS, 2.1
14.3 Hazard Class 2.1
14.4 Packing Group Not regulated
14.5 Environmental Hazards Not regulated

ADR

14.1 UN no	UN1950
14.2 UN Proper shipping name	AEROSOLS
Description	UN1950, AEROSOLS, 2.1
14.3 Hazard Class	2.1
14.4 Packing Group	Not regulated
14.5 Environmental Hazards	Not regulated
Classification code	5F
ADR/RID-Labels	2.1

RID

14.1 UN no	UN1950
14.2 UN Proper shipping name	AEROSOLS
Description	UN1950, AEROSOLS, 2.1
14.3 Hazard Class	2.1
14.4 Packing Group	Not regulated
14.5 Environmental Hazards	Not regulated
Classification code	5F

ADN

14.1 UN no	UN1950
14.2 UN Proper shipping name	AEROSOLS
Description	UN1950, AEROSOLS, 2.1
14.3 Hazard Class	2.1
14.4 Packing Group	Not regulated
14.5 Environmental Hazards	Not regulated
Classification code	5F
Hazard Labels	2.1
Limited quantity	1 L
Ventilation	VE01, VE04
Equipment Requirements	PP, EX, A

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

International Inventories

Australian Inventory of Chemical Substances (AICS) Complies

16. OTHER INFORMATION

16.1 Indication of changes

Issuing Date:	08-Jun-2017
Revision Date:	08-Jun-2017
Reason for revision	Not applicable

16.2 Abbreviations and acronyms

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS-No: Chemical Abstracts Service number
CLP - The Classification, Labeling and Packaging of Substances and Mixtures (CLP) Regulation (EC 1272/2008)
EINECS: European Inventory of Existing Commercial Chemical Substances
EC-Number: EINECS and ELINCS Number (see also EINECS and ELINCS)
EC50: Calculated concentration causing a 50% reduction in cellular reproduction
GHS- Globally Harmonized System of Classification and Labeling of Chemicals (GHS)
IATA - International Air Transport Association
LC50: Lethal Concentration to 50% of a test population

LD50: Lethal Dose to 50% of a test population (Median Lethal Dose)
PVC- Polyvinylchloride
REACH- Registration, Evaluation and Authorization of Chemicals
STEL - Short term exposure limit
STP- Sewage treatment plant

16.3 Key literature references and sources for data

No information available

16.4 Classification

Serious eye damage/eye irritation

Category 2

Aerosols Expert judgment and weight of evidence determination

16.5 Full text of H-Statements referred to under sections 2 and 3

Full text of H-Statements referred to under sections 2 and 3

H225 - Highly flammable liquid and vapor

H319 - Causes serious eye irritation

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

16.6 Training Advice

No information available

16.7 Further information

Prepared By

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Disclaimer

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End of SDS