SAFETY DATA SHEET

Issuing Date: 24-May-2018 **Revision Date:** 24-May-2018 **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 90516943_RET_CLP_LATAM

Product Name Herbal Essences Bio:Renew Vitamin E & Cocoa Butter Strength Conditioner

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

Recommended Use Personal Beauty Care Product

Uses advised against All other uses.

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

Chronic aquatic toxicity Category 3 - (H412)

Full text of H-Statements referred to under 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

Hazard Statements H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements P264 - Wash face, hands and any exposed skin thoroughly after handling
P273 - Avoid release to the environment
P280 - Wear eye protection
P337 + P313 - If eye irritation persists: Get medical advice/attention
P501 - Dispose of contents/ container to an approved waste disposal plant

Contains Limonene . May produce an allergic reaction.

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)
1-Docosanaminium, N,N,N-trimethyl-, methyl sulfate (1:1)	81646-13-1	279-791-1		1 - 3	Skin Irrit. 2(H315) Eye Dam. 1(H318) STOT RE 2(H373) Aquatic Acute 1(H400) Aquatic Chronic 1(H410)		
Siloxanes and Silicones, di-Me, 3-aminopropyl group-terminated	106214-84-0	600-723-7		1 - 3	Skin Irrit. 2(H315) Eye Dam. 1(H318) STOT SE 3(H335)		
Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides	68391-05-9	269-924-1		0.1 - 1	Acute Tox. 4(H302) Skin Corr. 1B(H314) Aquatic Acute 1(H400) Aquatic Chronic 2(H411)		
Limonene	5989-27-5	227-813-5	01-2119529223-47	0.1 - 1	Flam. Liq. 3(H226) Asp. Tox. 1(H304) Skin Irrit. 2(H315) Skin Sens. 1B(H317) Aquatic Acute 1(H400) Aquatic Chronic 1(H410)		

Full text of H-Statements referred to under section 16

4. FIRST AID MEASURES

4.1 Description of first-aid measures

4.2 Most important symptoms and effects, both acute and delayed

Main Symptoms No information available.

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 Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

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 rooms 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	Estonia	European Union	Finland	France	Germany MAK
Limonene	5989-27-5	-	-	TWA: 25 ppm TWA: 140 mg/m³ STEL: 50 ppm STEL: 280 mg/m³	-	TWA: 5 ppm TWA: 28 mg/m³ Ceiling / Peak: 20 ppm Ceiling / Peak: 112 mg/m³ Skin

Chemical Name	CAS-No	Latvia	Lithuania	Norway	Poland	Portugal
Limonene	5989-27-5	-	-	TWA: 25 ppm TWA: 140 mg/m³ STEL: 37.5 ppm STEL: 175 mg/m³	-	-

Chemical Name	CAS-No	Romania	Slovakia	Slovenia	Spain	Switzerland
Limonene	5989-27-5	-	-	-	-	STEL: 14 ppm STEL: 80 mg/m³ TWA: 7 ppm TWA: 40 mg/m³

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
Limonene			0.222 mg/cm²	

Chemical Name	Worker - dermal, long-term - systemic	Worker - inhalative, long-term - systemic	Worker - dermal, long-term - local	Worker - inhalative, long-term - local
Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides	12.75 mg/kg bw/d	27 mg/m³		
Limonene		33.3 mg/m³		

Consumers

Chemical Name	Consumer - inhalative, short-term - local	Consumer - dermal, short-term - local
Limonene		0.111 mg/cm²

Chemical Name	Consumer - oral, long-term - systemic	Consumer - inhalative, long-term - systemic	Consumer - dermal, long-term - systemic
Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides	2.3 mg/kg bw/day	8 mg/m³	7.65 mg/kg bw/day
Limonene	4.76 mg/kg bw/d	8.33 mg/m³	

Predicted No Effect Concentration (PNEC)

Chemical Name	Fresh Water	Marine water	Intermittent release
Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides	0.013 mg/L	0.0013 mg/L	0.0026 mg/L
Limonene	0.0054 mg/L	0.00054 mg/L	

Chemical Name	Freshwater sediment	Marine sediment	Sewage treatment plant	Soil	air	Oral
Quaternary ammonium	8.8 mg/kg	0.88 mg/kg	1.2 mg/L	7 mg/kg soil dw		

compounds, di-C12-18-alkyldimethyl, chlorides	sediment dw	sediment dw				
Limonene	1.32 mg/kg sediment dw	0.13 mg/kg sediment dw	1.8 mg/L	0.262 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 No special protective equipment required.

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 Liquid
Appearance white, Smooth, viscous, Creamy liquid
Odor characteristic

Property	Values	Note
pH	3.5 - 5.0	
Melting Point / 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	Not available. This property is not relevant for the safety and classification of this product
Upper flammability limit	Not available	Not available. This property is not relevant for the safety and classification of this product .
Lower Flammability Limit	Not available	Not available. This property is not relevant for the safety and classification of this product
Flammability (solid, gas)	Not available	Not applicable. This property is not relevant for liquid product forms
Vapor pressure	Not available	Not available. This property is not relevant for the safety and classification of this product
Vapor density	Not available	Not available. This property is not relevant for the safety and classification of this product
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	Not available. This property is not relevant for the safety and classification of this product
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	Not Classified. Based on the available data, the classification criteria are not met.
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.

Component Information

Chemical Name	CAS-No	Oral LD50	Dermal LD50	Inhalation LC50
Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides	68391-05-9	930 mg/kg bw (//OECD 401)	-	-

Chemical Name	Carcinogenicity	Species	Developmental toxicity	Species	Eye Damage	Species	Mutagenicity	Species
Quaternary ammonium compounds, di-C12-18-alkyldimethy					Y (100%; OECD 405)			

l, chlorides								

Chemical Name	Reproductive toxicity	Species	Skin corrosion/irritation	Species	Sensitization	Species
Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides			Y (100%; OECD 404)			

Chemical Name	Skin sensitization	Species	STOT - single exposure	Target Organs	Species	STOT - repeated exposure	Target Organs	Species	Aspiration hazard
Limonene	Y (OECD 429)								

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Ecotoxicity effects
Harmful to aquatic life with long lasting effects.

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
Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides	68391-05-9	0.26 mg/L (OECD 203; Danio rerio; 96 h)	0.13 mg/L (ISO 10253; Phaeodactylum tricornutum; 72 h)	0.295 mg/L (ISO/CD 14669; Acartia tonsa; 48 h)	68 mg/L (OECD 209; 3 h)	637.5 mg/kg sediment dw (Guideline: PARCOM 1995; Corophium sp.; static; saltwater; natural sediment; based on active ingredient; 10 d)
Limonene	5989-27-5	0.72 mg/L (OECD 203; Pimephales promelas; 96 h)	150 mg/L (OECD 201; Desmodesmus subspicatus; 72 h)	0.36 mg/L (OECD 202; Daphnia magna; 48 h)	209 mg/L (OECD 209; 3 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
Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides	68391-05-9	0.06 mg/L (OECD 201; Pseudokirchneriella subcapitata; 3 d)	0.053 mg/L (US EPA-66013-75-00; Pimephales promelas; 35 d)	0.15 mg/L (OECD 211; Daphnia magna; 21 d)		5000 mg/kg sediment dw (Read across data on Didecyldimethylammonium bromide; guideline not indicated; other sediment dwelling worm; artificial sediment; 72 h)
Limonene	5989-27-5	50 mg/L (OECD 201; Desmodesmus subspicatus; 3 d)			18 mg/L (OECD 209; 0.125 d)	

* 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
Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides	68391-05-9	61% CO2; OECD 301 B			111 % (Guideline: OECD 303 A, EU Method C.10 and ISO 11733; aerobic; activated sludge, domestic, adapted; based on removal percentages of test substance)
Limonene	5989-27-5	80% O2; OECD 301 D			

12.3 Bioaccumulative potential

.

Chemical Name	CAS-No	Octanol/water partition coefficient	Bioconcentration factor (BCF)
Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides	68391-05-9	4.8	
Limonene	5989-27-5	4.38	

12.4 Mobility in soil

.

Chemical Name	CAS-No	log Koc
Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides	68391-05-9	732000000 (QSAR KOCWIN v2.00)
Limonene	5989-27-5	6324 (QSAR KOCWIN v2.00)

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 Dispose of in accordance with local regulations.

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

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

EWC Waste Disposal No 07 06 01

13.2 Additional information

Additional information No information available

14. TRANSPORT INFORMATION

IMDG

14.1 UN Number	Not applicable
14.2 UN Proper shipping name	Not applicable
14.3 Transport hazard class(es)	Not applicable
14.4 Packing Group	Not applicable
14.5 Environmental Hazards	Not regulated
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code	No information available

IATA

14.1 UN no	Not applicable
14.2 UN Proper shipping name	Not applicable
14.3 Hazard Class	Not applicable
14.4 Packing Group	Not applicable
14.5 Environmental Hazards	Not regulated

ADR

14.1 UN no	Not applicable
14.2 UN Proper shipping name	Not applicable
14.3 Hazard Class	Not applicable
14.4 Packing Group	Not applicable
14.5 Environmental Hazards	Not regulated

RID

14.1 UN no	Not applicable
14.2 UN Proper shipping name	Not applicable
14.3 Hazard Class	Not applicable
14.4 Packing Group	Not applicable
14.5 Environmental Hazards	Not regulated

ADN

14.1 UN no	Not applicable
14.2 UN Proper shipping name	Not applicable
14.3 Hazard Class	Not applicable
14.4 Packing Group	Not applicable
14.5 Environmental Hazards	Not regulated

15. REGULATORY INFORMATION

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

WGK - Classification (VwVwS) WGK 1

International Inventories

Australian Inventory of Chemical Substances (AICS) Complies

16. OTHER INFORMATION

16.1 Indication of changes

Issuing Date:	24-May-2018
Revision Date:	24-May-2018
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
ASTM: American Society for Testing and Materials
CAS-No: Chemical Abstracts Service number
CLP - The Classification, Labeling and Packaging of Substances and Mixtures (CLP) Regulation (EC 1272/2008)
DIN: German Institute for Standardization
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
ErC50: Calculated concentration causing a 50% reduction in growth rate
EWC: European Waste Catalogue (replaced by LoW – see below)
GHS- Globally Harmonized System of Classification and Labeling of Chemicals (GHS)
IMDG: International Maritime Dangerous Goods Code
IATA: International Air Transport Association
ISO- International Organization for Standardization
Kow: octanol-water partition coefficient
LC50: Lethal Concentration to 50% of a test population
LD50: Lethal Dose to 50% of a test population (Median Lethal Dose)
MARPOL: International Convention for the Prevention of Pollution From Ships
o.c.- open cup
OECD - Organization for Economic Cooperation and Development
OEL: Occupational Exposure Limit
PNEC(s): Predicted No Effect Concentration(s)
PVC- Polyvinylchloride
REACH- Registration, Evaluation and Authorization of Chemicals
STEL: Short term exposure limit
TWA: Time weighted average
STP- Sewage treatment plant
SVHC: Substances of Very High Concern
UN- United Nations

16.3 Key literature references and sources for data

No information available

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]

Chronic aquatic toxicity
Category 3 - Calculation method

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
H226 - Flammable liquid and vapor
H302 - Harmful if swallowed
H304 - May be fatal if swallowed and enters airways
H314 - Causes severe skin burns and eye damage
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H335 - May cause respiratory irritation
H373 - May cause damage to organs through prolonged or repeated exposure
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects
H411 - Toxic to aquatic life with long lasting effects

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
Turkey - Prepared By: Procter & Gamble Tüketim Malları San. A.Ş. İçerenköy Mah. Askent Sok. No:3-A 34752 Ataşehir / İstanbulBaşak Gülsün / GBF –1841 /Tel.: 0 216 463 80 00 gulsun.b@pg.com.

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of SDS