

According to Regulation (EC) No. 1907/2006 (REACH) and its latest amendment

Issuing Date: 06-Feb-2020

Revision date 06-Feb-2020

Revision Number 1

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Form	Mixture
Product Name	Lenor Professional Lavender Breeze
Product Identifier	91237489_PGP_CLP_EUR
Synonyms	C-91237489-001
Product group	Trade Product

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

Recommended use	Restricted to professional users
Main user category	SU 22 - Professional uses
Use category	PC35 - Washing and cleaning products (including solvent based products)
Uses advised against	No information available

Product category Liquid Fabric Enhancers

1.3 Details of the supplier of the safety data sheet

Details of the supplier of the safety data sheet	Procter & Gamble UK Brooklands PGP, Weybridge, Surrey, KT13 0XP, UK Tel: 01932 896000 Fax: 01932 896200
E-mail Address	customerservice@pgprof.com

1.4 Emergency Telephone Number

Emergency Telephone (UK) Emergency Tel: 0800 328 8304 (IRL) Emergency Tel: 1800 509 497

Section 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

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

Adverse human health effects and symptoms

No information available

2.2 Label elements

Label according to Regulation (EC) No. 1272/2008

Hazard pictograms None

Signal Word None

Precautionary Statements P102 - Keep out of reach of children

EUH208 - Contains Linalool, 4-tert-Butylcyclohexyl Acetate, Tetramethyl Acetyloctahydronaphthalenes . May produce an allergic reaction.

EU Specific Hazard Statements EUH210 - Safety data sheet available on request.

2.3 Other hazards

Other hazards which do not result in classification No presence of PBT and vPvB ingredients.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

Chemical name	CAS No	EC No	REACH Registration No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	M-Factor (long-term)	M-Factor
Distearoylethyl/Dipalmitoyl ethyl Dimonium Chloride	1079184-43-2	Notified	01-0000000679-63	10 - 20	Aquatic Chronic 3(H412)		
Isopropyl Alcohol	67-63-0	200-661-7	01-2119457558-25	1 - 5	Flam. Liq. 2(H225) Eye Irrit. 2(H319) STOT SE 3(H336)		
Linalool	78-70-6	201-134-4	01-2119474016-42	<1	Skin Irrit. 2(H315) Skin Sens. 1B(H317) Eye Irrit. 2(H319)		
4-tert-Butylcyclohexyl Acetate	32210-23-4	250-954-9	01-2119976286-24	<1	Skin Sens. 1B(H317)		
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	259-174-3	01-2119489989-04	<1	Skin Irrit. 2(H315) Skin Sens. 1B(H317) Aquatic Chronic 1(H410)		

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

Section 4: FIRST AID MEASURES

4.1 Description of first-aid measures

Inhalation	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if exposed or you feel unwell.
Skin contact	IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
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.
Ingestion	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation	Coughing. Sneezing.
Symptoms/injuries after skin contact	Redness. Swelling. Dryness. Itching.
Symptoms/injuries after eye contact	Pain. Redness. Swelling. Itching.
Symptoms/injuries after ingestion	Oral mucosal or gastro-intestinal irritation. Nausea. Vomiting. Excessive secretion. Diarrhea.

4.3 Indication of any immediate medical attention and special treatment needed

Refer to section 4.1.

Section 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media Dry chemical powder. Alcohol resistant foam. Carbon dioxide (CO₂).

Extinguishing Media Which Must Not Be Used For Safety Reasons Not applicable.

5.2 Special hazards arising from the substance or mixture

Explosion hazard Product is not explosive.
Reactivity No dangerous reaction known under conditions of normal use

5.3 Advice for firefighters

Special protective equipment for fire-fighters No specific firefighting instructions required.
Protective equipment and precautions for firefighters In case of inadequate ventilation wear respiratory protection.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Wear suitable gloves and eye/face protection.
Advice for emergency responders Wear suitable gloves and eye/face protection.

6.2 Environmental precautions

Environmental precautions Consumer products ending up down the drain after use. Prevent soil and water pollution. Prevent spreading in sewers.

6.3 Methods and materials for containment and cleaning up

Methods for containment Scoop absorbed substance into closing containers.
Methods for cleaning up Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Large Spills: contain released substance, pump into suitable containers. This material and its container must be disposed of in a safe way, and as per local legislation.
Other information Not applicable.

6.4 Reference to other sections

Other information Refer to Sections 8 and 13.

Section 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions Store in original container. Refer to section 10.
Incompatible products Refer to section 10.
Incompatible Materials Refer to section 10
Prohibitions on mixed storage Not applicable.
Requirements for storage rooms and containers Store in a cool area. Store in a dry area.

7.3 Specific end uses

Refer to section 1.2.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

National Occupational Exposure Limits

Chemical name	CAS No	Norway	Ireland	United Kingdom	European Union
Isopropyl Alcohol	67-63-0	TWA: 100 ppm TWA: 245 mg/m ³ STEL: 125 ppm STEL: 306.25 mg/m ³	TWA: 200 ppm STEL: 400 ppm Skin	STEL: 500 ppm STEL: 1250 mg/m ³ TWA: 400 ppm TWA: 999 mg/m ³	

Derived No Effect Level (DNEL)

Workers

Chemical name	CAS No	Worker - dermal, short-term - systemic	Worker - inhalative, short-term - systemic	Worker - dermal, short-term - local
Linalool	78-70-6	5 mg/kg bw/d	16.5 mg/m ³	15 mg/cm ²

Chemical name	CAS No	Worker - inhalative, short-term - local	Worker - dermal, long-term - systemic	Worker - inhalative, long-term - systemic
Isopropyl Alcohol	67-63-0		888 mg/kg bw/d	500 mg/m ³
Linalool	78-70-6		2.5 mg/kg bw/d	2.8 mg/m ³
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2		3.6 mg/kg bw/d	7.33 mg/m ³

Chemical name	CAS No	Worker - dermal, long-term - local	Worker - inhalative, long-term - local
Linalool	78-70-6	15 mg/cm ²	
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	648 µg/cm ²	

Consumers

Chemical name	CAS No	Consumer - inhalative, short-term - local	Consumer - dermal, short-term - local	Consumer - oral, short-term - systemic
Linalool	78-70-6		15 mg/cm ²	1.2 mg/kg bw/d

Chemical name	CAS No	Consumer - inhalative, short-term - systemic	Consumer - dermal, short-term - systemic	Consumer - oral, long-term - local
Linalool	78-70-6	4.1 mg/m ³	2.5 mg/kg bw/d	

Chemical name	CAS No	Consumer - oral, long-term - systemic	Consumer - inhalative, long-term - local	Consumer - dermal, long-term - local
Isopropyl Alcohol	67-63-0	26 mg/kg bw/d		
Linalool	78-70-6	0.2 mg/kg bw/d		15 mg/cm ²
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	1.25 mg/kg bw/d		380 µg/cm ²

Chemical name	CAS No	Consumer - inhalative, long-term - systemic	Consumer - dermal, long-term - systemic
Isopropyl Alcohol	67-63-0	89 mg/m ³	319 mg/kg bw/d
Linalool	78-70-6	0.7 mg/m ³	1.25 mg/kg bw/d
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	2.16 mg/m ³	2.15 mg/kg bw/d

Predicted No Effect Concentration (PNEC)

Chemical name	CAS No	Fresh Water	Marine water	Intermittent release
Isopropyl Alcohol	67-63-0	140.9 mg/L	140.9 mg/L	140.9 mg/L
Linalool	78-70-6	0.2 mg/L	0.02 mg/L	2 mg/L
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	0.0028 mg/L	0.00028 mg/L	

Chemical name	CAS No	Freshwater sediment	Marine sediment	Sewage treatment plant
Isopropyl Alcohol	67-63-0	552 mg/kg sediment dw	552 mg/kg sediment dw	2251 mg/L
Linalool	78-70-6	2.22 mg/kg sediment dw	0.222 mg/kg sediment dw	10 mg/L
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	3.73 mg/kg sediment dw	0.75 mg/kg sediment dw	10 mg/L

Chemical name	CAS No	Soil	air	Oral
Isopropyl Alcohol	67-63-0	28 mg/kg soil dw		
Linalool	78-70-6	0.327 mg/kg soil dw		
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	2.7 mg/kg soil dw		

8.2 Exposure controls

Appropriate engineering controls No information available

Personal protective equipment	Protective personal equipment only required in case of professional use or for large packs (not for household packs). For consumer use please follow recommendation as indicated on the label of the product.
Hand Protection	Not applicable.
Eye Protection	Not applicable.
Skin and Body Protection	Not applicable.
Respiratory Protection	Not applicable.
Thermal hazards	Not applicable.
Environmental exposure controls	Prevent that the undiluted product reaches surface waters.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Property	Value / Units	Test Method / Notes
Appearance	Liquid	
Physical state	Liquid	
Color	Coloured	
Odor	pleasant (perfume)	
Odor threshold	No data available	Perceived odor at typical use conditions
pH	2.5 - 3.8	
Melting point / freezing point	No data available	Not available. This property is not relevant for the safety and classification of this product
Boiling point / boiling range	95 - 110 °C	
Flash point		No Flash to Boiling (NFTB)
Relative Evaporation Rate (butylacetate=1)	No data available	Not available. This property is not relevant for the safety and classification of this product
Flammability (solid, gas)	Not applicable	Not applicable. This property is not relevant for liquid product forms
Upper/lower flammability or explosive limits	No data available	Not available. This property is not relevant for the safety and classification of this product
Vapor pressure	No data available	Not available. This property is not relevant for the safety and classification of this product
Relative density	0.97 - 1.1	
Solubility	Soluble in water	
Partition coefficient	Not available	Not applicable. This property is not relevant for mixtures
Autoignition temperature	No data available	Not available. This property is not relevant for the safety and classification of this product
Decomposition temperature	No data available	Not available. This property is not relevant for the safety and classification of this product
Viscosity	45 - 165 cP	
Explosive properties	No data available	Not applicable. This product is not classified as explosive as it does not contain any substances which possesses explosive properties CLP (Art 14 (2)).
Oxidizing properties	No data 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

Other information No information available.

Section 10: STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reactions known.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

See section 10.1 on reactivity for more information.

10.4 Conditions to Avoid

None under normal use conditions.

10.5 Incompatible materials

Not applicable.

10.6 Hazardous Decomposition Products

None under normal use conditions.

Section 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Mixture**

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.

Substances in the mixture

Chemical name	CAS No	Oral LD50	Dermal LD50	Inhalation LC50
Isopropyl Alcohol	67-63-0	5840 mg/kg bw (//OECD 401)	-	> 24.578 mg/L air (//OECD 403)
Linalool	78-70-6	2790 mg/kg bodyweight (rat)	-	-
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	//	//	//

Section 12: ECOLOGICAL INFORMATION**12.1 Toxicity****Ecotoxicity effects**

No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended. The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Acute toxicity

Chemical name	CAS No	Fish	Algae/aquatic plants	Crustacea	Toxicity to microorganisms
Isopropyl Alcohol	67-63-0	9640 mg/L (//OECD 203; Pimephales promelas; 96 h)	-	> 10000 mg/L (//OECD 202; Daphnia magna; 24 h)	-
Linalool	78-70-6	27.8 mg/L (OECD 203; Oncorhynchus mykiss; 96 h)	156.7 mg/L (DIN 38412 L 9; Desmodesmus subspicatus; 96 h)	59 mg/L (OECD 202; Daphnia magna; 48 h)	> 100 mg/L (OECD 209; 3 h)
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	1.3 mg/L (//OECD 203; Lepomis macrochirus; 96 h)	> 2.6 mg/L (//OECD 201; Desmodesmus subspicatus; 72 h)	1.38 mg/L (//OECD 202; Daphnia magna; 48 h)	-

Chronic Toxicity

Chemical name	CAS No	Toxicity to fish	Toxicity to algae	Toxicity to daphnia	Toxicity to
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		(NOEC or ECx)*	(NOEC or ECx)*	and other aquatic invertebrates (NOEC or ECx)*	Microorganisms (NOEC or ECx)*
Linalool	78-70-6		54.3 mg/L (DIN 38412 L 9; Desmodemus subspicatus; 4 d)		> 100 mg/L (OECD 209; 0.125 d)
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	0.16 mg/L (OECD 210 ; Danio rerio; 30 d)	> 2.6 mg/L (//OECD 201; Desmodemus subspicatus; 3 d)	0.028 mg/L (OECD 211; Daphnia magna; 21 d)	> 100 mg/L (OECD 301 F; 42 d)

12.2 Persistence and degradability**Persistence and degradability**

Chemical name	CAS No	Persistence and degradability	Ready Biodegradation Test (OECD 301)	Biodegradation Other Tests
Isopropyl Alcohol	67-63-0		53% O ₂ ; //EC 440/2008 C.5; 5 d	
Linalool	78-70-6		64.2% O ₂ ; OECD 301 D; 28 d	
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2		11% O ₂ ; OECD 301 C; 28 d	

12.3 Bioaccumulative potential**Bioaccumulative potential**

No information available.

Chemical name	CAS No	Bioaccumulative potential	Octanol/water partition coefficient
Isopropyl Alcohol	67-63-0	Not expected to bioaccumulate due to the low log Kow (log Kow < 4)	0.05
Linalool	78-70-6	Not expected to bioaccumulate due to the low log Kow (log Kow < 4)	2.84
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2		5.65

12.4 Mobility in soil**Mobility**

No information available.

Chemical name	CAS No	log Koc
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	13182.56

12.5 Results of PBT and vPvB assessment**PBT and vPvB assessment**

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Other adverse effects**Other adverse effects**

No information available.

Section 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Waste from Residues/Unused Products**

Dispose of in accordance with local regulations.

Disposal Recommendations

The waste codes/waste designations below are in accordance with EWC. Waste must be delivered to an approved waste disposal company. Waste is to be kept separate from other types of waste until its disposal. Do not throw waste product into the sewer. Where possible recycling is preferred to disposal or incineration. For handling waste, see measures described in section 7. Empty, uncleaned packaging need the same disposal considerations as filled packaging.

EWC Waste Disposal No

20 01 29* - detergents containing dangerous substances

15 01 10* - packaging containing residues of or contaminated by dangerous substances

13.2 Additional information

Section 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 Marine pollutant	Not regulated
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code	No information available

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 Marine pollutant	Not regulated

ADR

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 Marine pollutant	Not regulated

RID

14.1 UN number	Not applicable
14.2 UN proper shipping name	Not applicable
14.3	
14.4 Packing group	Not applicable
14.5 Marine pollutant	Not regulated

ADN

14.1 UN number	Not applicable
14.2 UN proper shipping name	Not applicable
14.3	
14.4 Packing group	Not applicable
14.5 Marine pollutant	Not regulated

Section 15: REGULATORY INFORMATION

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

EU Regulations

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended Contains no REACH substances with Annex XVII restrictions.

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended Contains no substance on the REACH candidate list.

Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorisation Contains no REACH Annex XIV substances.

CESIO Recommendations

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Other regulations, restrictions and prohibition regulations

Regulation (EC) No. 648/2004 (Detergents regulation). Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]. Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006).

National regulatory information

15.2 Chemical Safety Assessment

Chemical Safety Assessment

No chemical safety assessment has been carried out for this mixture per REACH regulation.

Section 16: OTHER INFORMATION

16.1 Indication of changes

Issuing Date:	06-Feb-2020
Revision date	06-Feb-2020
Revision Note	Not applicable

16.2 Abbreviations and acronyms

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ATE: Acute Toxicity Estimate
DNEL: Derived No Effect Level
EC50: Calculated concentration causing a 50% reduction in cellular reproduction
IATA: International Air Transport Association
IMDG: International Maritime Dangerous Goods Code
LC50: Lethal Concentration to 50% of a test population
LD50: Lethal Dose to 50% of a test population (Median Lethal Dose)
OECD - Organization for Economic Cooperation and Development
OEL: Occupational Exposure Limit
PBT: Persistent, Bioaccumulative and Toxic substance
PNEC(s): Predicted No Effect Concentration(s)
REACH- Registration, Evaluation and Authorization of Chemicals
vPvB: Very Persistent and Very Bioaccumulative

16.3 Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

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

H225 - Highly flammable liquid and vapor
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness
H410 - Very toxic to aquatic life with long lasting effects
H412 - Harmful to aquatic life with long lasting effects

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 and its amendment Regulation (EU) 2015/830

16.5 Training Advice

Normal use of this product shall imply use in accordance with the instructions on the packaging.

16.6 Further information

Salts listed in Section 3 without a REACH Registration number are exempt, based on Annex V.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

End of SDS