SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Issuing Date: 08-Nov-2022 **Revision Date:** 08-Nov-2022 **Revision Number** 1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Identifier	90927432_A_RET_CLPR7_EUR_SAW
Product Name	Lenor Unstoppables_Parfum de linge en perles-Geurbooster voor je was_aérien-fris
Synonyms	PA00235723
Product Form	Mixture
Pure substance/mixture	Mixture

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

Recommended use	Intended for general public
Uses advised against	No information available
Main user category	SU 21 - Consumer uses: Private households (= general public = consumers)
Product category	In-Wash Scent Booster
Use category	PC35 - Washing and cleaning products (including solvent based products)

1.3. Details of the supplier of the safety data sheet

Supplier
Procter & Gamble UK Brooklands, Weybridge, Surrey, KT13 0XP, UK Tel: 01932 896000 Fax: 01932 896200

P&G DCE bvba/sprl-Belgium Dist. Div., Temselaan 100, B-1853 Strombeek-Bever, Belgium (IE) 1800 535 119

For further information, please contact

E-mail address pgsds.im@pg.com

1.4. Emergency telephone number

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

(IRL) Poisons information: for information or to report a poisoning incident contact The National Poisons Information Centre 01 8092166 (8.00 a.m. to 10.00 p.m. 7 days a week)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008
This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

2.2. Label elements

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

Precautionary Statements - EU (§28, 1272/2008)
P102 - Keep out of reach of children
P301 + P310 - IF SWALLOWED: Immediately call a doctor

2.3. Other hazards

No information available.

Endocrine Disruptor Information There are no substances contained at or above the regulated value for declaration of >0.1% that fall under the definition of confirmed endocrine disruptors of any EU regulation.

SECTION 3: Composition/information on ingredients

3.1 Substances
Not applicable

3.2 Mixtures

Chemical name	CAS No	Weight-%	REACH registration number	EC No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Methyl 2-Naphthyl Ether	93-04-9	1 - 5	01-2119937828-21	202-213-6	Aquatic Chronic 2(H411)	-	-	-
2,6-Dimethyl-7-Octen-2-ol	18479-51-1	1 - 5	No data available	242-359-8	Skin Irrit. 2(H315)	-	-	-
Benzyl Salicylate	118-58-1	<1	01-2119969442-31	204-262-9	Skin Sens. 1B(H317) Aquatic Chronic 3(H412)	-	-	-
Hexyl Cinnamal	101-86-0	<1	01-2119533092-50	639-566-4	Skin Sens. 1B(H317) Aquatic Acute 1(H400) Aquatic Chronic 2(H411)	-	1	1
4-tert-Butylcyclohexyl Acetate	32210-23-4	<1	01-2119976286-24	250-954-9	Skin Sens. 1B(H317)	-	-	-
Isobutyl Salicylate	87-19-4	<1	No data available	201-729-9	Acute Tox. 4 (Oral)(H302) Aquatic Acute 1(H400) Aquatic Chronic 2(H411)	-	-	-
Citronellol	106-22-9	<1	01-2119453995-23	203-375-0	Skin Irrit. 2(H315) Skin Sens. 1B(H317) Eye Irrit. 2(H319)	-	-	-
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde	68039-49-6	<1	01-2119982384-28	268-264-1	Skin Irrit. 2(H315) Skin Sens. 1(H317) Aquatic Chronic 2(H411)	-	-	-
Allyl Heptanoate	142-19-8	<1	01-2119488961-23	205-527-1	Acute Tox. 3 (Oral)(H301) Acute Tox. 3 (Dermal)(H3	-	1	1

					11) Aquatic Acute 1(H400) Aquatic Chronic 3(H412)			
Hexyl Salicylate	6259-76-3	<1	01-2119638275-36	228-408-6	Aquatic Acute 1(H400) Aquatic Chronic 1(H410) Skin Sens. 1B(H317)	-	1	1
Ethyl 2,2-Dimethylhydrocinnamal	67634-15-5	<1	01-2120758796-34	266-819-2	Skin Irrit. 2(H315) Skin Sens. 1B(H317) Aquatic Acute 1(H400) Aquatic Chronic 2(H411)	-	1	-
Eugenia Caryophyllus Leaf Oil	8000-34-8	<1	No data available	616-772-2	Skin Sens. 1B(H317) Eye Irrit. 2(H319)	-	-	-
Isoamyl Allylglycolate	67634-00-8	<1	No data available	266-803-5	Acute Tox. 4 (Oral)(H302) Skin Irrit. 2(H315) Acute Tox. 2 (Inhalation:dust,mist)(H330)	-	-	-

Full text of H- and EUH-phrases: see section 16

Acute Toxicity Estimate
No information available

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59).

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. (Call a physician if symptoms occur).

Eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

Skin contact IF ON SKIN: Wash with plenty of soap and water. Get medical attention if symptoms occur. Take off contaminated clothing and wash before reuse.

Ingestion IF SWALLOWED:. Rinse mouth. Do NOT induce vomiting. Call a physician or poison control center immediately.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms Coughing and/ or wheezing. Redness. Swelling of tissue. Itching. Sneezing. Dryness. Pain. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Excessive secretion.

4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media	Dry chemical. Alcohol resistant foam. Carbon dioxide (CO2).
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical	None in particular.

5.3. Advice for firefighters

Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Ensure adequate ventilation.
For emergency responders	Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions	See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment	Scoop absorbed substance into closing containers.
Methods for cleaning up	Small quantities of solid spill: wash down with water. Large Spills:. Scoop solid spill into closing containers. This material and its container must be disposed of in a safe way, and as per local legislation.
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections	See section 8 for more information. See section 13 for more information.

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.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep/store only in original container. Keep tightly closed in a dry and cool place.

7.3. Specific end use(s)

Risk Management Methods (RMM)	The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Biological occupational exposure limits
This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) Long term.

Chemical name	Worker - dermal, long-term - systemic	Worker - inhalative, long-term - systemic	Worker - dermal, long-term - local	Worker - inhalative, long-term - local
Methyl 2-Naphthyl Ether	4.167 mg/kg bw/d	7.346 mg/m³	-	-
Benzyl Salicylate	2.21 mg/kg bw/day	7.8 mg/m³	-	-
Citronellol	327.4 mg/kg bw/day	161.6 mg/m³	-	10 mg/m³
Allyl Heptanoate	0.84 mg/kg bw/day	2.97 mg/m³	-	-
Hexyl Salicylate	6.4 mg/kg bw/day	1.7 mg/m³	0.885 mg/cm²	-
Isoamyl Allylglycolate	1.4 mg/kg bw/day	4.93 mg/m³	-	-

Chemical name	Consumer - oral, long-term - local	Consumer - inhalative, long-term - local	Consumer - dermal, long-term - local
Citronellol	-	10 mg/m³	-
Hexyl Salicylate	-	-	0.4425 mg/cm²

Chemical name	Consumer - oral, long-term - systemic	Consumer - inhalative, long-term - systemic	Consumer - dermal, long-term - systemic
Methyl 2-Naphthyl Ether	1.042 mg/kg bw/d	1.812 mg/m³	2.083 mg/kg bw/d
Benzyl Salicylate	0.79 mg/kg bw/day	1.37 mg/m³	0.79 mg/kg bw/day
Citronellol	13.8 mg/kg bw/day	47.8 mg/m³	196.4 mg/kg bw/day
Allyl Heptanoate	0.42 mg/kg bw/day	0.73 mg/m³	0.42 mg/kg bw/day
Hexyl Salicylate	0.3 mg/kg bw/day	0.4 mg/m³	3.2 mg/kg bw/day
Isoamyl Allylglycolate	0.5 mg/kg bw/day	0.87 mg/m³	0.5 mg/kg bw/day

Derived No Effect Level (DNEL) Short term.

Chemical name	Worker - dermal, short-term - systemic	Worker - inhalative, short-term - systemic	Worker - dermal, short-term - local	Worker - inhalative, short-term - local
Citronellol	-	-	-	2.95 mg/cm²

Chemical name	Consumer - inhalative, short-term - local	Consumer - dermal, short-term - local
Citronellol	10 mg/m³	2.95 mg/cm²
Hexyl Salicylate	-	0.4425 mg/cm²

Predicted No Effect Concentration (PNEC)

Chemical name	Fresh Water	Marine water	Intermittent release
Methyl 2-Naphthyl Ether	0.001 mg/L	0 mg/L	0.011 mg/L
Benzyl Salicylate	0.001 mg/L	0 mg/L	0.01 mg/L
4-tert-Butylcyclohexyl Acetate	0.053 mg/L	0.053 mg/L	0.053 mg/L
Citronellol	0.002 mg/L	0 mg/L	0.024 mg/L
Allyl Heptanoate	0.00012 mg/L	0.000012 mg/L	0.0012 mg/L
Hexyl Salicylate	0 mg/L	0 mg/L	0.004 mg/L
Isoamyl Allylglycolate	0.00077 mg/L	0.000077 mg/L	0.0077 mg/L

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment plant	Soil	Air	Oral
Methyl 2-Naphthyl Ether	25.371 mg/kg sediment dw	25.371 mg/kg sediment dw	1.7 mg/L	11.93 mg/kg soil dw	-	-
Benzyl Salicylate	0.583 mg/kg sediment dw	0.058 mg/kg sediment dw	10 mg/L	1.41 mg/kg soil dw	-	-
4-tert-Butylcyclohexyl Acetate	2.01 mg/kg sediment dw	0.21 mg/kg sediment dw	12.2 mg/L	0.42 mg/kg soil dw	-	-

Citronellol	0.026 mg/kg sediment dw	0.003 mg/kg sediment dw	580 mg/L	0.004 mg/kg soil dw	-	-
Allyl Heptanoate	0.012 mg/kg sediment dw	0.001 mg/kg sediment dw	10 mg/L	0.002 mg/kg soil dw	-	-
Hexyl Salicylate	0.272 mg/kg sediment dw	0.027 mg/kg sediment dw	10 mg/L	0.054 mg/kg soil dw	-	-
Isoamyl Allylglycolate	0.00893 mg/kg sediment dw	0.000893 mg/kg sediment dw	-	0.00133 mg/kg soil dw	-	-

8.2. Exposure controls

Personal Protective Equipment

Eye/face protection No special protective equipment required.

Hand protection No special protective equipment required.

Skin and body protection No special protective equipment required.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

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

Physical state Solid
Appearance Solid
Color Coloured
Odor Pleasant (perfume)
Odor threshold No information available

Property	Values	Remarks • Method
Melting point / freezing point	No data available	Not available. This property is not relevant for the safety and classification of this product
Initial boiling point and boiling range	No data available	Not available. This property is not relevant for the safety and classification of this product
Flammability		Not available. This property is not relevant for the safety and classification of this product
Flammability Limit in Air		Not available. This property is not relevant for the safety and classification of this product
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Flash point	No Data Available	Not available. This property is not relevant for the safety and classification of this product
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
pH	5.4 - 6.2	
Dynamic viscosity	No Data Available	Not available. This property is not relevant for the safety and classification of this product

Water solubility	Soluble in water	
Solubility(ies)	No Data Available	Not available. This property is not relevant for the safety and classification of this product
Partition coefficient	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	0.5 - 0.62	
Relative vapor density	No data available	Not available. This property is not relevant for the safety and classification of this product
Particle characteristics		Not available. This property is not relevant for the safety and classification of this product
Particle Size	No information available	
Particle Size Distribution	No information available	

9.2. Other information

9.2.1. Information with regard to physical hazard classes
No information available

9.2.2. Other safety characteristics
No information available

SECTION 10: Stability and reactivity

10.1. Reactivity
Reactivity No information available.

10.2. Chemical stability
Stability Stable under normal conditions.
Explosion data
Sensitivity to mechanical impact None.
Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions
Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid
Conditions to avoid None known based on information supplied.

10.5. Incompatible materials
Incompatible materials None known based on information supplied.

10.6. Hazardous decomposition products
Hazardous decomposition products None known based on information supplied.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.

Ingestion Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Numerical measures of toxicity

Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
beta-Naphthyl Methyl Ether	> 5 g/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Benzyl Salicylate	3031 mg/kg (rat)	5001 mg/kg (rabbit)	-
alpha-Hexylcinnamic Aldehyde	3100 mg/kg (rat)	5001 mg/kg (rabbit)	21 mg/l (rat)
Vertenex	3323 mg/kg (rat)	5001 mg/kg (rabbit)	-
Isobutyl Salicylate	1311 mg/kg (rat)	> 5 mg/kg (Rabbit)	-
Citronellol	3450 mg/kg bodyweight (rat)	2650 mg/kg bodyweight (rabbit)	-
2,4-Dimethyl-3-cyclohexene Carboxaldehyde	-	5000 mg/kg (rabbit)	-
Allyl Heptanoate	218 mg/kg (rat)	810 mg/kg (rabbit)	3 mg/l/4h (rat)
Hexyl Salicylate	5001 mg/kg (rat)	5001 mg/kg (rabbit)	-
Floralozone	5001 mg/kg (rat)	5001 mg/kg (rabbit)	-
Eugenia Caryophyllus (Clove) Leaf Oil	= 1370 mg/kg (Rat)	= 1200 mg/kg (Rabbit)	-
Allyl Amyl Glycolate	500 mg/kg (rat)	5001 mg/kg (rat)	0 mg/l/4h (rat)

Chemical name	Carcinogenicity	Species	Eye Damage	Species	Developmental toxicity	Species	Mutagenicity	Species
Methyl 2-Naphthyl Ether	-	-	Y (100%; OECD 405)	-	-	-	-	-
Citronellol	-	-	Y (OECD 405)	-	-	-	-	-

Chemical name	Reproductive toxicity	Species	Skin corrosion/irritation	Species	Sensitization	Species
Citronellol	-	-	Y (OECD 404)	-	-	-
Hexyl Salicylate	-	-	Y (OECD 404)	-	-	-
Isoamyl Allylglycolate	-	-	Y	-	-	-

Chemical name	Skin sensitization	Species	STOT - single exposure	Target Organs	Species	STOT - repeated exposure	Target Organs	Species	Aspiration hazard
Benzyl Salicylate	Y (OECD 429)	-	-	-	-	-	-	-	-
4-tert-Butylcyclohexyl Acetate	Y (OECD 429)	-	-	-	-	-	-	-	-

Chemical name	Skin sensitization	Species	STOT - single exposure	Target Organs	Species	STOT - repeated exposure	Target Organs	Species	Aspiration hazard
Citronellol	Y (OECD 429)	-	-	-	-	-	-	-	-
Hexyl Salicylate	Y IOECD 429)	-	-	-	-	-	-	-	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties This product does not contain any known or suspected endocrine disruptors.

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Not considered to be harmful to aquatic life. No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended.

Unknown aquatic toxicity Contains 0.0066074 % of components with unknown hazards to the aquatic environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
beta-Naphthyl Methyl Ether	4.93 mg/L (OECD 201; Desmodesmus	3.6 mg/L (OECD 203; Danio rerio; 96h)	17 mg/L (Tetrahymena pyriformis; 48 h)	26 mg/L (OECD 202; daphnia magna; 48 h)

	subspicatus; 72h)			
Benzyl Salicylate	1.29 mg/L (OECD 201; Pseudokirchneriella subcapitata; 72 h)	1.03 mg/L (EU Method C.1; danio rerio; 96 h)	-	1.16 mg/L (OECD 202; Daphnia magna; 48 h)
Vertenex	22 mg/L (EU Method C.3; Desmodesmus subspicatus; 72 h)	8.6 mg/L (EU Method C.1; Cyprinus Carpio; semi-static; freshwater; criteria: mortality; 96 h)	302 mg/L (EU Method C.11; activated sludge of a predominantly domestic sewage; 3 h)	5.3 mg/L (OECD 202; Daphnia magna; 48 h)
Citronellol	2.4 mg/L (72 h)	14.66 mg/L (German standard DIN 38 412, part L15.; Leuciscus idus; 96 h)	> 10000 mg/L (German standard, DIN 38412 Part 27; Pseudomonas putida; 0.5 h)	17.48 mg/L (EU Directive 79/831/EEC, Annex V, part C.; Daphnia magna; 48 h)
Allyl Heptanoate	> 4.6 mg/L (OECD 201; Desmodesmus subspicatus; 72 h)	0.117 mg/L (OECD 203; Danio rerio; 96 h)	-	0.89 mg/L (OECD 202; Daphnia magna; 48 h)
Hexyl Salicylate	0.61 mg/L (OECD 201; Desmodesmus subspicatus; 72 h)	1.34 mg/L (EU Method C.1; Danio rerio; 96 h)	-	0.357 mg/L (OECD 202; Daphnia magna; 48 h)
Allyl Amyl Glycolate	2.06 mg/L (Desmodesmus subspicatus or Pseudokirchneriella subcapitata; 96 h)	-	8.47 mg/L (OECD 209; activated sludge; 3 h)	5.09 mg/L (Daphnia; 48 h)

Chronic Toxicity

Chemical name	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
Methyl 2-Naphthyl Ether	-	1.098 mg/L (fish; 28 d)	0.84 mg/L (daphnia magna; 21d)	-	-
Benzyl Salicylate	0.502 mg/L (OECD 201; Pseudokirchneriella subcapitata; 3 d)	-	0.894 mg/L (OECD 202; Daphnia magna; 2 d)	-	-
4-tert-Butylcyclohexyl Acetate	6.8 mg/L (EU Method C.3; Desmodesmus subspicatus; 3 d)	-	-	-	-
Citronellol	-	4.6 mg/L (German standard DIN 38 412, part L15.; Leuciscus idus; 4 d)	3.1 mg/L (EU Directive 79/831/EEC, Annex V, part C.; Daphnia magna; 2 d)	-	-
Allyl Heptanoate	0.158 mg/L (OECD 201; desmodesmus subspicatus; 3 d)	-	-	-	-
Hexyl Salicylate	0.15 mg/L (OECD 201; Desmodesmus subspicatus; 3 d)	-	0.14 mg/L (OECD 202; daphnia magna; 2 d)	-	-

12.2. Persistence and degradability

Persistence and degradability

Chemical name	Ready Biodegradation Test (OECD 301)	Abiotic Degradation Hydrolysis	Abiotic Degradation Photolysis	Biodegradation Other Tests
beta-Naphthyl Methyl Ether - 93-04-9	50.38% O2 (OECD 301 D; 28 d)	-	-	-
Benzyl Salicylate - 118-58-1	93%O2; OECD 301 F; 28 d	-	-	-
Vertenex - 32210-23-4	75%CO2; EU Method C.4-C; 29 d	-	-	-
Isobutyl Salicylate - 87-19-4	80% O2; OECD 301 F; 28 d	-	-	-
Citronellol - 106-22-9	80 - 90% O2; 28 d	-	-	-
Allyl Heptanoate - 142-19-8	81%; OECD 301 F; O2; 28 d; 78%-12 d; 10-day window criteria fulfilled	-	-	-

Hexyl Salicylate - 6259-76-3	91%O2; OECD 301 F; 28 d	-	-	91% O2; OECD 301 F; 82% (10 d)
Allyl Amyl Glycolate - 67634-00-8	78.12% CO2; OECD 301 B; 28 d	-	-	-

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

Component Information

Chemical name	Partition coefficient
Methyl 2-Naphthyl Ether	3.318
Benzyl Salicylate	4
4-tert-Butylcyclohexyl Acetate	4.8
Isobutyl Salicylate	4.09
Citronellol	3.41
Allyl Heptanoate	3.97
Hexyl Salicylate	5.5
Isoamyl Allylglycolate	1.96

Chemical name	Octanol/water partition coefficient	Bioconcentration factor (BCF)
Methyl 2-Naphthyl Ether	3.318	-
Benzyl Salicylate	4 (OECD 117)	120-1170 (OECD 305 E)
4-tert-Butylcyclohexyl Acetate	4.8 (OECD 117)	334.6 L/kg
Isobutyl Salicylate	4.09 (OECD 117)	-
Citronellol	3.41 (EU Method A.8)	82.59 L/kg
Allyl Heptanoate	3.97 (OECD 107)	193.2 - 473.2 L/kg
Hexyl Salicylate	5.5 (OECD 117)	8913 L/kg
Isoamyl Allylglycolate	1.96	-

12.4. Mobility in soil

Mobility in soil No information available.

Chemical name	log Koc
Methyl 2-Naphthyl Ether	1383.56 (OECD 121)
Benzyl Salicylate	5 623 L/kg (OECD 121)
4-tert-Butylcyclohexyl Acetate	> 3243 - < 4603 L/kg (OECD 121)
Citronellol	70.79
Allyl Heptanoate	968.3
Hexyl Salicylate	2981
Isoamyl Allylglycolate	80 L/kg

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment No information available.

Chemical name	PBT and vPvB assessment
Methyl 2-Naphthyl Ether	The substance is not PBT / vPvB
Benzyl Salicylate	The substance is not PBT / vPvB
4-tert-Butylcyclohexyl Acetate	The substance is not PBT / vPvB
Citronellol	The substance is not PBT / vPvB
Allyl Heptanoate	The substance is not PBT / vPvB
Hexyl Salicylate	The substance is not PBT / vPvB
Isoamyl Allylglycolate	The substance is not PBT / vPvB

12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products	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. Empty, uncleaned packaging need the same disposal considerations as filled packaging. For handling waste, see measures described in section 8. Dispose of in accordance with local regulations.
Contaminated packaging	Do not reuse empty containers.
Waste codes / waste designations according to EWC / AVV	20 01 29* - detergents containing dangerous substances 15 01 10* - packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

IATA

14.1 UN number or ID number	Not regulated
14.2	
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	

IMDG

14.1 UN number or ID number	Not regulated
14.2	
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
14.7 Maritime transport in bulk according to IMO instruments	No information available

RID

14.1 UN number or ID number	Not regulated
14.2	
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

ADR

14.1 UN number or ID number	Not regulated
14.2	
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

ADN

14.1 UN number or ID number	Not relevant
14.2	
14.3 Transport hazard class(es)	No information available
14.4 Packing group	Not relevant
14.5 Marine pollutant	Not regulated

SECTION 15: Regulatory information

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

National regulations

Germany

Water hazard class (WGK) obviously hazardous to water (WGK 2)

Poland

Announcement of the Speaker of the Sejm of the Republic of Poland of 13 April 2018 regarding the publication of a uniform text of the Act - Labor Code (Journal of Laws 2018, item 917, as amended).Announcement of the Speaker of the Sejm of the Republic of Poland of March 15, 2019 regarding the publication of a uniform text of the Act on Waste (Journal of Laws 2019 item 701, as amended).Regulation of the Minister of Development of 7 July 2016, repealing the Regulation on specific requirements for certain products due to their negative environmental impact (Journal of Laws of 2016, item 1099, as amended).Regulation of the Minister of Family, Labor and Social Policy of June 12, 2018 regarding the highest permissible concentrations and intensities of factors harmful to health in the work environment (Journal of Laws of 2018, item 1286 with subsequent amendments).

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorizations and/or restrictions on use:

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII) 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)

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorization per REACH Annex XIV
Benzyl Salicylate	75.	-

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

Plant protection products directive (91/414/EEC)

Chemical name	Plant protection products directive (91/414/EEC)
Eugenia Caryophyllus (Clove) Leaf Oil - 8000-34-8	Plant protection agent

EU - Biocides

15.2. Chemical safety assessment

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

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H301 - Toxic if swallowed
H302 - Harmful if swallowed

H311 - Toxic in contact with skin
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H330 - Fatal if inhaled
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
H412 - Harmful to aquatic life with long lasting effects

Legend
SVHC: Substances of Very High Concern for Authorization:

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

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

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