



SAFETY DATA SHEET

Issuing Date: 17-Sep-2015

Revision Date: 17-Sep-2015

Version 1

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

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

1.1 Product identifier

Product ID: 3V00B_RANDD_CLP
Product Name 3vol Leg 1 (non diluted) – perfume 2 (FR)

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

Recommended use Fragrance for a consumer product

1.3 Details of the supplier of the safety data sheet

Manufacturer Procter and Gamble (Brussels Innovation Center)Temselaan 100 Strombeek-Bever B-1853, Strombeek-Bever Brussels, Belgium +32 (0)2-456 3267

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

1.4 Emergency Telephone Number

Emergency Telephone EUROPE: Chemtrec +(41) 22 58 004 8213 (day phone); BELGIUM: Centre Antipoison/ Antigifcentrum: 070/245.245BENELUX FR: Centre Antipoison 070/245.245; BULGARIA: +359 2 9154 409; CZECH REPUBLIC: Chemtrec +(420)-228880039; DENMARK: Alarmcentralen, telefon 112 (Giftlinjen: 82 12 12 12); ESTONIA: 16662; FINLAND: Myrkytystietokeskus, Puhelin 09-471 977; FRANCE: Chemtrec +(33)-975181407; N° d'appel d'urgence Orfila : 01 45 42 59 59; GERMANY: Chemtrec 0800-181-7059; +49 (0) 6131-232466 (24h); GREECE: Τηλ. Κέντρου Δηλητηριάσεων: 210-7793777; HUNGARY: Chemtrec +(36)-18088425; 06 80 20 11 99; IRELAND: 1800 509 497; ITALY: Chemtrec 800-789-767; Numero di emergenza: 06 50971; LATVIA: Ārkārtas situācijās zvanīt uz Saindēšanās informācijas centru - tel. 67042473; LITHUANIA: (8 5) 236 20 52; NETHERLANDS: Chemtrec +(31)-858880596; Nationaal Vergiftigingen Informatie Centrum: Tel. 030 - 2748888 (Uitsluitend voor een behandelde arts bereikbaar in geval van accidentele vergiftigingen); NORWAY: Nødnummer: 113 (Giftinformasjonssentralen, telefon 22 59 13 00)POLAND: Chemtrec +(48)-223988029; tel. alarmowy 112 lub 801 25 88 25 (poniedziałek – piątek, godz. 8:30 -17); PORTUGAL: Tel. emergência CIAV: 808 250 143; ROMANIA: 021 3183606SLOVAKIA: Toxikologické informačné centrum +421 2 5477 4166; SPAIN: Chemtrec 900-868538; 91. 722. 21.00; SWEDEN: Chemtrec +(46)-852503403; Giftinformationscentralen, telefon 112.; SWITZERLAND: 145 (24h); TURKEY: 0 800 261 63 65 – 0 216 463 80 00; UK: Chemtrec +(44)-870-8200418; 0800 328 8304

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

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

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)
Skin sensitization	Category 1A - (H317)
Chronic aquatic toxicity	Category 2 - (H411)

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

2.2 Label elements**Classification of mixtures according to regulation 1272/2008****Hazard pictograms****Signal Word**

WARNING

Hazard Statements

H315 - Causes skin irritation
 H317 - May cause an allergic skin reaction
 H319 - Causes serious eye irritation
 H411 - Toxic to aquatic life with long lasting effects

Precautionary Statements

P273 - Avoid release to the environment
 P280 - Wear eye protection/ face protection
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Contains Limonene, Methylcinnamic Aldehyde, Dimethyl-3-Cyclohexene-1-Carbaldehyde, Citronellol, Delta-Damascone

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]	Acute M Factor	Chronic M Factor
2-t-Butylcyclohexyl Acetate	88-41-5	201-828-7	-	10 - 30	Aquatic Chronic 2(H411)		
3,5,5-Trimethylhexyl acetate	58430-94-7	261-245-9	-	10 - 30	Skin Irrit. 2(H315) Aquatic Chronic 2(H411)		
Linalool	78-70-6	201-134-4	01-2119474016-42	3 - 10	Skin Irrit. 2(H315) Eye Irrit. 2(H319)		
Limonene	138-86-3	205-341-0	-	3 - 10	Flam. Liq. 3(H226) Asp. Tox. 1(H304) Skin Irrit. 2(H315) Skin Sens. 1B(H317)		

					Aquatic Acute 1(H400) Aquatic Chronic 1(H410)		
2,6-Dimethyl-7-Octen-2-ol	18479-58-8	242-362-4	01-2119457274-37	3 - 10	Eye Irrit. 2(H319)		
Dimethyl Phenethyl Butyrate	10094-34-5	233-221-8	-	1 - 3	Aquatic Chronic 2(H411)		
a,a-Dimethylphenethyl Acetate	151-05-3	205-781-3	-	1 - 3	Aquatic Chronic 3(H412)		
Methylcinnamic Aldehyde	101-39-3	202-938-8	-	1 - 3	Skin Sens. 1(H317)		
Ethyl Hydroxypyrene	4940-11-8	225-582-5	-	1 - 3	Acute Tox. 4(H302)		
Dimethyl-3-Cyclohexene-1-Carbaldehyde	27939-60-2	248-742-6	-	1 - 3	Skin Irrit. 2(H315) Skin Sens. 1B(H317) Eye Irrit. 2(H319) Aquatic Chronic 3(H412)		
Citronellol	106-22-9	203-375-0	01-2119453995-23	1 - 3	Skin Irrit. 2(H315) Skin Sens. 1B(H317) Eye Irrit. 2(H319)		
Diethyl malonate	105-53-3	203-305-9	-	1 - 3	Eye Irrit. 2(H319)		
Allyl Caproate	123-68-2	204-642-4	-	1 - 3	Acute Tox. 3(H301) Acute Tox. 3(H311) Acute Tox. 3(H331) Aquatic Acute 1(H400) Aquatic Chronic 3(H412)	1	1
3-Hexenol	928-96-1	213-192-8	-	1 - 3	Flam. Liq. 3(H226) Eye Irrit. 2(H319)		
Delta-Damascone	57378-68-4	260-709-8	01-2119535122-53	0.1 - 1	Acute Tox. 4(H302) Skin Irrit. 2(H315) Skin Sens. 1A(H317) Aquatic Acute 1(H400) Aquatic Chronic 1(H410)		

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

Skin contact

IF ON SKIN: Wash with plenty of soap and water
If skin irritation or rash occurs: Get medical advice/attention
Remove and wash contaminated clothing before re-use
Wash hands thoroughly after handling

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: Rinse mouth. DO NOT induce vomiting.
IF exposed or concerned: Get medical advice/attention

Inhalation

Call a POISON CENTER or doctor/physician if exposed or you feel unwell

4.2 Most important symptoms and effects, both acute and delayed

Main Symptoms

MAY CAUSE SKIN IRRITATION
May cause eye irritation
May cause allergic skin reaction

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. Alcohol-resistant foam. Carbon dioxide (CO₂).

Extinguishing media which shall not be used for safety reasons Water.

5.2 Special hazards arising from the substance or mixture

Special hazard Containers may explode when heated
Keep containers and surroundings cool with water spray

5.3 Advice for firefighters

Special protective equipment for fire-fighters Dike fire-control water for later disposal. Fight fire with normal precautions from a reasonable distance.

Protective equipment and precautions for firefighters Do not allow run-off from fire fighting to enter drains or water courses

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective gloves/clothing and eye/face protection

Advice for emergency responders In the case of vapor formation use a respirator with an approved filter

6.2 Environmental precautions

Environmental precautions Should not be released into the environment.

6.3 Methods and materials for containment and cleaning up

Methods for containment Contain the spill. The product should not be allowed to enter drains, water courses or the soil.

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 **Manufacturing Sites:**
Clean up spill immediately
Do not allow to enter into surface water or drains
Empty containers should be taken for local recycling, recovery or waste disposal
Wash hands thoroughly after handling
Wash contaminated clothing before reuse
Use personal protective equipment as required

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

7.3. Specific end use(s)

Specific end uses Not Applicable

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure Guidelines

Chemical Name	CAS-No	Estonia	European Union	Finland	France	Germany
Limonene	138-86-3	STEL: 50 ppm STEL: 300 mg/m ³ TWA: 25 ppm TWA: 150 mg/m ³	-	-	TWA: 1000 mg/m ³ STEL: 1500 mg/m ³	-
Chemical Name	CAS-No	Latvia	Lithuania	Norway	Poland	Portugal
Limonene	138-86-3	-	TWA 25 ppm TWA 150 mg/m ³	TWA: 25 ppm TWA: 140 mg/m ³ TWA: 40 ppm TWA: 275 mg/m ³ STEL: 25 ppm STEL: 140 mg/m ³ STEL: 40 ppm STEL: 275 mg/m ³	-	-

8.2 Exposure controls

Engineering Measures

Manufacturing Sites:

Prevent splashing and leaking of product
Use with local exhaust ventilation

Personal protective equipment

Eye Protection

Manufacturing Sites:

Tightly fitting safety goggles
If splashes are likely to occur, wear:
Face-shield

Hand Protection

Manufacturing Sites:

Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion

Skin and Body Protection

Manufacturing Sites:

Wear protective gloves/clothing
Contaminated work clothing should not be allowed out of the workplace
Wash contaminated clothing before reuse

Respiratory Protection

Manufacturing Sites:

In case of inadequate ventilation wear respiratory protection
Do not breathe dust/fume/gas/mist/vapors/spray

Thermal hazards	Not applicable.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice
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	colorless, to, light yellow	
Odor	Pleasant	
Odor threshold	No data available.	
Property	Values	Note
pH	No data 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	No data available	
Flash point	65 °C	Closed cup.
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.
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10.2 Chemical stability

Stability Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerization None under normal processing.

Hazardous Reactions None under normal use conditions.

10.4 Conditions to Avoid

Conditions to Avoid Heat.

10.5 Incompatible Materials

Materials to avoid No data available.

10.6 Hazardous Decomposition Products

Hazardous Decomposition Products No data available.

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 Irritating to skin.
Serious eye damage/eye irritation Causes serious eye irritation.
Skin sensitization May cause sensitization by skin contact.
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	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethyl Hydroxypyrrone	4940-11-8	1200 mg/kg (rat)	-	-
Allyl Caproate	123-68-2	300 mg/kg (rat)	300 mg/kg (rabbit)	-
Delta-Damascone	57378-68-4	1400 mg/kg (rat)	-	-

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity

Ecotoxicity effects

Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

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	Disposal should be in accordance with applicable regional, national and local laws and regulations The waste codes/waste designations below are in accordance with EWC
Contaminated packaging	15 01 10.
EWC Waste Disposal No.	07 06 01
Disposal recommendations	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. For handling waste, see measures described in section 8. Empty, uncleaned packaging need the same disposal considerations as filled packaging.

13.2 Additional information

Additional information	No information available
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14. TRANSPORT INFORMATION

IMDG

14.1 UN Number	UN3082
14.2 UN Proper shipping name Description	Environmentally hazardous substance, liquid, n.o.s. UN3082, Environmentally hazardous substance, liquid, n.o.s. (2-t-Butylcyclohexyl Acetate, 3,5,5-Trimethylhexyl acetate), , 9, III
14.3 Transport hazard class(es)	9
14.4 Packing Group	III
14.5 Environmental Hazards EmS-No	Yes F-A, S-F
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

IATA

14.1 UN no	UN3082
14.2 UN Proper shipping name Description	Environmentally hazardous substance, liquid, n.o.s. UN3082, Environmentally hazardous substance, liquid, n.o.s. (2-t-Butylcyclohexyl Acetate, 3,5,5-Trimethylhexyl acetate), 9, III
14.3 Hazard Class	9
14.4 Packing Group	III
14.5 Environmental Hazards	Yes

ERG Code	9L
ICAO	
14.1 UN no	UN3082
14.2 UN Proper shipping name Description	Environmentally hazardous substance, liquid, n.o.s. UN3082, Environmentally hazardous substance, liquid, n.o.s. (2-t-Butylcyclohexyl Acetate, 3,5,5-Trimethylhexyl acetate), 9, III
14.3 Hazard Class	9
14.4 Packing Group	III
14.5 Environmental Hazards	Yes
ADR	
14.1 UN no	UN3082
14.2 UN Proper shipping name Description	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN3082, Environmentally hazardous substance, liquid, n.o.s. (2-t-Butylcyclohexyl Acetate, 3,5,5-Trimethylhexyl acetate), 9, III, (E)
14.3 Hazard Class	9
14.4 Packing Group	III
14.5 Environmental Hazards	Yes
Classification code	M6
ADR/RID-Labels	9
RID	
14.1 UN no	UN3082
14.2 UN Proper shipping name Description	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN3082, Environmentally hazardous substance, liquid, n.o.s. (2-t-Butylcyclohexyl Acetate, 3,5,5-Trimethylhexyl acetate), 9, III
14.3 Hazard Class	9
14.4 Packing Group	III
14.5 Environmental Hazards	Yes
Classification code	M6
ADN	
14.1 UN no	UN3082
14.2 UN Proper shipping name Description	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN3082, Environmentally hazardous substance, liquid, n.o.s. (2-t-Butylcyclohexyl Acetate, 3,5,5-Trimethylhexyl acetate), 9, III
14.3 Hazard Class	9
14.4 Packing Group	III
14.5 Environmental Hazards	Yes
Classification code	M6
Hazard Labels	9
Limited quantity	5 L

15. REGULATORY INFORMATION

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

WGK- WGK Classification (VwVwS) WGK 2

15.2 Chemical Safety Assessment

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

16. OTHER INFORMATION

16.1 Indication of changes

Issuing Date: 17-Sep-2015
Revision Date: 17-Sep-2015

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

Skin corrosion/irritation

Category 2 - Calculation method

Serious eye damage/eye irritation

Category 2 - Calculation method

Skin sensitization

Category 1A - Calculation method

Chronic aquatic toxicity

Category 2 - 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
H301 - Toxic if swallowed
H302 - Harmful if swallowed
H304 - May be fatal if swallowed and enters airways
H311 - Toxic in contact with skin
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation

H331 - Toxic 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

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

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