

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 01/04/2015 Revision date: : Version: 1.0

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

1.1. Product identifier

Product name : CITRUS LEAVES MB DUET

Product code : 3485858 Vaporizer : Aerosol SKU # : 1910756

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

1.2.1. Relevant identified uses

Main use category : Professional use
Use of the substance/mixture : Air care products
Odour agents

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

Newell Europe sàrl

10 chemin de Blandonnet

1214 Vernier - Switzerland

T +44(0)870 5686824

SDS.RCP@newellco.com

Newell Poland Services Sp. z.o.o.
Plac Andersa 7

61-894 Poznań - Poland

T +44(0)870 5686824

www.rubbermaid.eu/contact

1.4. Emergency telephone number

Emergency number : +44(0)870 5686824

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol 1 H222;H229 Aquatic Chronic 3 H412

Full text of H-phrases: see section 16

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS02

Signal word (CLP) : Danger

Hazard statements (CLP) : H222 - Extremely flammable aerosol

H229 - Pressurised container: May burst if heated H412 - Harmful to aquatic life with long lasting effects

Other

Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking

P251 - Do not pierce or burn, even after use

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

EUH phrases : EUH208 - Contains LIMONENE, HEXYL CINNAMAL, TETRAMETHYL

ACETYLOCTAHYDRONAPHTHALENES, CITRAL, CITRONELLOL, PINENES. May produce

an allergic reaction

2.3. Other hazards

No additional information available

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SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Alcohol	(CAS No) 64-17-5 (EC no) 200-578-6 (EC index no) 603-002-00-5 (REACH-no) 01-2119457610-43	10 - 20	Flam. Liq. 2, H225 Eye Irrit. 2, H319
ISOPROPYL ALCOHOL	(CAS No) 67-63-0 (EC no) 200-661-7 (EC index no) 603-117-00-0 (REACH-no) 01-2119457558-25	1 - 10	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
LIMONENE	(CAS No) 5989-27-5 (EC no) 227-813-5 (EC index no) 601-029-00-7	0,1 - 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
HEXYL CINNAMAL	(CAS No) 101-86-0 (EC no) 202-983-3 (REACH-no) 01-2119533092-50	0,1 - 1	Skin Irrit. 2, H315 Skin Sens. 1, H317
TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES	(CAS No) 54464-57-2 (EC no) 259-174-3 915-730-3 (REACH-no) 01-2119489989-04	0,1 - 1	Aquatic Chronic 2, H411 Skin Irrit. 2, H315 Skin Sens. 1, H317
CITRAL	(CAS No) 5392-40-5 (EC no) 226-394-6 (EC index no) 605-019-00-3 (REACH-no) 01-2119462829-23	0,1 - 1	Skin Irrit. 2, H315 Skin Sens. 1, H317
CITRONELLOL	(CAS No) 106-22-9 (EC no) 203-375-0 (REACH-no) 01-2119453995-23	0,1 - 1	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317
PINENES	(CAS No) 127-91-3 (EC no) 204-872-5	0,1 - 1	Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304

Specific concentration limits:

Name	Product identifier	Specific concentration limits
Alcohol	(CAS No) 64-17-5 (EC no) 200-578-6 (EC index no) 603-002-00-5 (REACH-no) 01-2119457610-43	(C >= 50) Eye Irrit. 2, H319

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical

advice (show the label where possible).

First-aid measures after inhalation : Cough. Allow breathing of fresh air. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed

by warm water rinse.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Direct contact with the eyes is likely to be

irritating. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation

persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries after inhalation : Shortness of breath.

Symptoms/injuries after eye contact : Causes serious eye irritation.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

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5.2. Special hazards arising from the substance or mixture

Fire hazard : Extremely flammable aerosol.

Explosion hazard : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of

burns and injuries.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire-fighting water from entering environment. DO NOT fight fire when fire reaches explosives. Evacuate area.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : No open flames. No smoking. Isolate from fire, if possible, without unnecessary risk. Remove

ignition sources. Use special care to avoid static electric charges.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect

spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Hazardous waste due to potential risk of explosion. Pressurized container: Do not pierce or

burn, even after use.

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work. Provide good ventilation in process area to prevent formation

of vapour. Do not spray on an open flame or other ignition source.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Direct sunlight,

Heat sources, Ignition sources. Do not expose to temperatures exceeding 50 °C/ 122 °F.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

ISOPROPYL ALCOHOL (67-63-0)			
United Kingdom	Local name	Propan-2-ol	
United Kingdom	WEL TWA (mg/m³)	999 mg/m³	
United Kingdom	WEL TWA (ppm)	400 ppm	
United Kingdom	WEL STEL (mg/m³)	1250 mg/m³	
United Kingdom	WEL STEL (ppm)	500 ppm	
Alcohol (64-17-5)			
United Kingdom	Local name	Ethanol	
United Kingdom	WEL TWA (mg/m³)	1920 mg/m³	
United Kingdom	WEL TWA (ppm)	1000 ppm	

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8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Wear protective gloves

Eye protection : None under normal use

Respiratory protection : None under normal use

Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Clear Transparent Liquid.
Colour : colourless to slightly yellow.

Odour characteristic. Odour threshold No data available : No data available Hq Relative evaporation rate (butylacetate=1) : No data available : No data available Melting point Freezing point : No data available : No data available Boiling point : No data available Flash point Auto-ignition temperature No data available : No data available Decomposition temperature

Flammability (solid, gas) : Extremely flammable aerosol

: 3,5 - 4,5 bar Vapour pressure Relative vapour density at 20 °C : No data available : 0,619 - 0,645 Relative density Solubility : No data available Log Pow : No data available Viscosity, kinematic No data available Viscosity, dynamic : No data available Explosive properties : No data available : No data available Oxidising properties **Explosive limits** : 1.8 - 19 vol %

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Extreme risk of explosion by shock, friction, fire or other sources of ignition.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Heat. Sparks. Open flame. Overheating.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

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HEXYL CINNAMAL (101-86-0)		
LD50 oral	> 2450 mg/kg bodyweight	
LD50 dermal	> 3000 mg/kg bodyweight	
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 5 mg/l/4h	
CITRAL (5392-40-5)		
LD50 oral	4960 mg/kg bodyweight	
LD50 dermal	2250 mg/kg bodyweight	
CITRONELLOL (106-22-9)		
LD50 oral	3450 mg/kg bodyweight	
LD50 dermal	2650 mg/kg bodyweight	
ISOPROPYL ALCOHOL (67-63-0)		
LD50 oral rat	2000 mg/kg	
LD50 oral	4396 mg/kg bodyweight	
LD50 dermal rat	2000 mg/kg	
LD50 dermal	12800 mg/kg bodyweight	
LC50 inhalation rat (Dust/Mist - mg/l/4h)	46,6 mg/l/4h	
Alcohol (64-17-5)		
LD50 oral rat	7060 mg/kg	
LD50 oral	10470 mg/kg bodyweight	
LD50 dermal rabbit	> 16000 mg/kg	
LD50 dermal	15800 mg/kg bodyweight	
LC50 inhalation rat (mg/l)	> 20 mg/l/4h	
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 99,999 mg/l/4h	
Skin corrosion/irritation	: Not classified	
	Based on available data, the classification criteria are not met	
Serious eye damage/irritation	: Not classified	
Respiratory or skin sensitisation	: Not classified	
	Based on available data, the classification criteria are not met	
Germ cell mutagenicity	: Not classified	
•	Based on available data, the classification criteria are not met	
Carcinogenicity	: Not classified	
,	Based on available data, the classification criteria are not met	
Reproductive toxicity	: Not classified	
reproductive toxicity	Based on available data, the classification criteria are not met	
Specific target organ toxicity (single exposure)	: Not classified	
opeome target organ toxions (single expectate)	Based on available data, the classification criteria are not met	
Consider toward arrange to delice (managed of		
Specific target organ toxicity (repeated exposure)	: Not classified	
• •	Based on available data, the classification criteria are not met	
Aspiration hazard	: Not classified	
	Based on available data, the classification criteria are not met	
CITRUS LEAVES MB DUET		
Vaporizer	Aerosol	

CITRUS LEAVES MB DUET		
Vaporizer	Aerosol	
Potential adverse human health effects and	: Based on available data, the classification criteria are not met.	

symptoms

SECTION 12: Ecological information

12.1. Toxicity	ty
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Ecology - water : Harmful to aquatic life with long lasting effects.

HEXYL CINNAMAL (101-86-0)		
LC50 fish 1	1,7 mg/l	
EC50 other aquatic organisms 1	> 0,32 mg/l EC50 waterflea (48 h)	
CITRAL (5392-40-5)		
LC50 fish 1	4,1 mg/l	
EC50 other aquatic organisms 1	5 mg/l EC50 waterflea (48 h)	
EC50 other aquatic organisms 2 7 mg/l IC50 algea (72 h) mg/l		
CITRONELLOL (106-22-9)		
LC50 fish 1	10 mg/l	
EC50 other aquatic organisms 1	2,38 mg/l EC50 waterflea (48 h)	

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CITRONELLOL (106-22-9)		
EC50 other aquatic organisms 2 17,48 mg/l IC50 algea (72 h) mg/l		
ISOPROPYL ALCOHOL (67-63-0)		
LC50 fish 1	100 mg/l	
EC50 Daphnia 1	100 mg/l	
EC50 other aquatic organisms 1	> 1000 mg/l EC50 waterflea (48 h)	
EC50 other aquatic organisms 2	13299 mg/l IC50 algea (72 h) mg/l	
Alcohol (64-17-5)		
LC50 fish 1	13000 mg/l	
EC50 Daphnia 1	9300 mg/l	
EC50 other aquatic organisms 1	275 mg/l EC50 waterflea (48 h)	
EC50 other aquatic organisms 2	5012 mg/l IC50 algea (72 h) mg/l	

12.2. Persistence and degradability

CITRUS LEAVES MB DUET		
Persistence and degradability May cause long-term adverse effects in the environment.		
Alcohol (64-17-5)		
Alcohol (64-17-5)		

12.3. Bioaccumulative potential

CITRUS LEAVES MB DUET		
Bioaccumulative potential Not established.		
Alcohol (64-17-5)		
Bioaccumulative potential	Not established.	

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Container under

pressure. Do not drill or burn even after use.

Additional information : Flammable vapours may accumulate in the container.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID	
14.1. UN number					
1950	1950	1950	1950	1950	
14.2. UN proper shippin	g name				
AEROSOLS	AEROSOLS	Aerosols, flammable	AEROSOLS	AEROSOLS	
Transport document descri	otion				
UN 1950 AEROSOLS, 2.1, (D)	UN 1950 AEROSOLS, 2.1				
14.3. Transport hazard	class(es)				
2.1	2.1	2.1	2.1	2.1	
2	***	*	2	2	
14.4. Packing group					
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.5. Environmental haz	14.5. Environmental hazards				
Dangerous for the	Dangerous for the	Dangerous for the	Dangerous for the	Dangerous for the	

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ADR	IMDG	IATA	ADN	RID
environment : No	environment : No Marine pollutant : No	environment : No	environment : No	environment : No
No supplementary information available				

14.6. Special precautions for user

- Overland transport

Classification code (ADR) : 5F

Special provisions (ADR) : 190, 327, 344, 625

Limited quantities (ADR) : 1I Excepted quantities (ADR) : E0

Packing instructions (ADR) : P207, LP02 Special packing provisions (ADR) : PP87, RR6, L2

Mixed packing provisions (ADR) : MP9
Transport category (ADR) : 2
Special provisions for carriage - Packages : V14
(ADR)

Special provisions for carriage - Loading,

unloading and handling (ADR)

: CV9, CV12

: S2

Special provisions for carriage - Operation

(ADR)

Tunnel restriction code (ADR) : D

- Transport by sea

Special provisions (IMDG) : 63, 190, 277, 327, 344, 959

Limited quantities (IMDG) : SP277

Excepted quantities (IMDG) : E0

Packing instructions (IMDG) : P207, LP02

Special packing provisions (IMDG) : PP87, L2

EmS-No. (Fire) : F-D
EmS-No. (Spillage) : S-U
Stowage category (IMDG) : None

Stowage and segregation (IMDG)

: Protected from sources of heat For AEROSOLS with a maximum capacity of 1 litre: Category

A. Segregation as for class 9 but 'Separated from' class 1 except division 1.4. For AEROSOLS

with a capacity above 1 litre: Category B. Segregation as for the appropriate sub-division of

class 2. For WASTE AEROSOLS: Category C. Clear of living quarters. Segregation as for the

appropriate sub-division of class 2.

- Air transport

PCA Excepted quantities (IATA) : E0 PCA Limited quantities (IATA) : Y203 PCA limited quantity max net quantity (IATA) : 30kgG PCA packing instructions (IATA) : 203 PCA max net quantity (IATA) : 75kg CAO packing instructions (IATA) : 203 CAO max net quantity (IATA) : 150kg Special provisions (IATA) : A145, A167 ERG code (IATA) : 10L

- Inland waterway transport

Classification code (ADN) : 5F

Special provisions (ADN) : 19, 327, 344, 625

Limited quantities (ADN) : 1 L

Excepted quantities (ADN) : E0

Equipment required (ADN) : PP, EX, A

Ventilation (ADN) : VE01, VE04

Number of blue cones/lights (ADN) : 1
Carriage prohibited (ADN) : No
Not subject to ADN : No

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- Rail transport

Classification code (RID)

Special provisions (RID) : 190, 327, 344, 625

Limited quantities (RID) : 1L Excepted quantities (RID) : E0

Packing instructions (RID) : P207, LP02 Special packing provisions (RID) : PP87, RR6, L2

Mixed packing provisions (RID) : MP9 Transport category (RID) : 2 Special provisions for carriage - Packages : W14

Special provisions for carriage - Loading,

: CW9, CW12

unloading and handling (RID)

Colis express (express parcels) (RID) : CE2 Hazard identification number (RID) : 23 Carriage prohibited (RID) : No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. **EU-Regulations**

Contains no substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. **National regulations**

No additional information available

Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE Data sources

COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending

Regulation (EC) No 1907/2006.

Other information : None.

Full text of H- and EUH-phrases:

Aerosol 1	Aerosol, Category 1
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation — Skin, category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H222	Extremely flammable aerosol
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H229	Pressurised container: May burst if heated
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction

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H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
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
EUH208	Contains . May produce an allergic reaction

SDS EU ANNEX II NEWELL

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

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