HOME FRAGRANCE ITALIA S.R.L.
a socio unico – Società soggetta a direzione e coordinamento di
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Capitale sociale Euro 10.920 i.v.
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Via Tonale, 26
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SAFETY DATA SHEET

Issue Date 26-Aug-2019 **Revision Date** 21-Dec-2018 **Version** 5

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

1.1. Product identifier

Trade name / designation **Fragrance Diffuser KEEMUN** MI
Product Code 41REMKE
Product Name ZONA RICARICA DIFFUSORE A STICK 250ml KEEMUN

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

Recommended Use Consumer use

Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Supplier
Newell Brands Home Fragrance Italia srl
Via Tonale, 26
20125 Milano Italia
Tel: +39 039 9220979 ; Fax: 39 039 9220943
info@millefiorimilano.com
http://www.millefiorimilano.com/

For further information, please contact

E-mail address info@millefiorimilano.com

1.4. Emergency telephone number

Emergency Telephone - §45 - (EC)1272/2008	
Europe	**008 008 658 8466**

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)
Skin sensitization	Category 1B - (H317)
Chronic aquatic toxicity	Category 2 - (H411)
Flammable liquids	Category 2 - (H225)

2.2. Label elements

Contains Geraniol, Linalyl acetate, Benzyl salicylate, Cyclohexanemethanol, 4-(1-methylethyl)-, cis-, Isocyclemone E, Linalool, Citrus Aurantium Dulcis Flower Extract

Danger
Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
Toxic to aquatic life with long lasting effects
Highly flammable liquid and vapor

Keep out of reach of children
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
If eye irritation persists: Get medical advice/attention
Store in a well-ventilated place. Keep container tightly closed
Dispose of contents/containers in accordance with local regulations

Contains 2,4-Dimethyl-3-cyclohexene carboxaldehyde, beta-Pinene, Citronellol, Terpenes, Orange Oil May produce an allergic reaction

2.3. Other hazards
None known

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethanol	200-578-6	64-17-5	>=50%	Flam. Liq. 2 (H225) Eye Irrit. 2 (H319)
Benzyl benzoate	204-402-9	120-51-4	>=5 <10%	Acute Tox. 4 (H302) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)
Propanol, oxybis-	246-770-3	25265-71-8	>=1 <3%	Not Classified
Isocyclemone E	259-174-3	54464-57-2	>=1 <3%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Chronic 1 (H410)
Cyclohexanemethanol, 4-(1-methylethyl)-, cis-	237-539-8	13828-37-0	>=1 <3%	Skin Sens. 1B (H317)
Citrus Aurantium Dulcis Flower Extract	232-433-8	8028-48-6	>=1 <3%	Aquatic Acute 1 (H400) Skin Sens. 1 (H317) Skin Irrit. 2 (H315) Asp. Tox. 1 (H304) Aquatic Chronic 1 (H410) Flam. Liq. 3 (H226)
Benzyl salicylate	204-262-9	118-58-1	>=1 <3%	Skin Sens. 1B (H317) Eye Irrit. 2 (H319) Aquatic Chronic 3 (H412)
cis-3-Hexenyl Salicylate	265-745-8	65405-77-8	>=1 <3%	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
3-Buten-2-one, 4-(2,6,6-trimethyl-1-cyclohex en-1-yl)-	238-969-9	14901-07-6	>=1 <3%	Skin Irrit. 3 (H316) Aquatic Acute 2 (H401) Aquatic Chronic 2 (H411)
2-Heptanol, 2,6-dimethyl-	236-244-1 Present	13254-34-7	>=1 <3%	Flam. Liq. 4 (H227) Skin Irrit. 2 (H315) Eye Irrit. 2A (H319) Aquatic Acute 3 (H402)
Geraniol	203-377-1	106-24-1	>=1 <3%	Skin Irrit. 2 (H315)

				Skin Sens. 1 (H317) Eye Dam. 1 (H318)
Linalyl acetate	204-116-4	115-95-7	>=1 <3%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317)
Linalool	201-134-4	78-70-6	>=1 <3%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Eye Irrit. 2 (H319)
2,4-Dimethyl-3-cyclohexene carboxaldehyde	268-264-1	68039-49-6	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Eye Irrit. 2 (H319) Aquatic Chronic 2 (H411)
Terpenes, Orange Oil		68647-72-3	>=0.1 <1%	Aquatic Acute 1 (H400) Skin Sens. 1B (H317) Skin Irrit. 2 (H315) Asp. Tox. 1 (H304) Aquatic Chronic 1 (H410) Flam. Liq. 3 (H226)
Heptanoic acid, 2-propen-1-yl ester	205-527-1	142-19-8	>=0.1 <1%	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Aquatic Acute 1 (H400) Aquatic Chronic 3 (H412)
beta-Pinene	204-872-5	127-91-3	>=0.1 <1%	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
Acetic acid ethyl ester	205-500-4	141-78-6	>=0.1 <1%	EUH066 Flam. Liq. 2 (H225) Eye Irrit. 2 (H319) STOT SE 3 (H336)
Citronellol	203-375-0	106-22-9	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Eye Irrit. 2 (H319)
1,4-Cyclohexadiene, 1-methyl-4-(1-methylethyl)-	202-794-6	99-85-4	>=0.1 <1%	Flam. Liq. 3 (H226) Acute Tox. 5 (H303) Asp. Tox. 1 (H304) Skin Irrit. 3 (H316)

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

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

General advice In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Immediate medical attention is required.

Inhalation If symptoms persist, call a physician. Remove to fresh air.

Skin Contact Wash off immediately with plenty of water. Wash off immediately with soap and plenty of water.

Eye contact If symptoms persist, call a physician. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Ingestion Do NOT induce vomiting. Drink plenty of water. Immediate medical attention is not required. Rinse mouth.

Self-protection of the first aider Remove all sources of ignition.

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

Symptoms None known.

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

Note to physicians May cause sensitization of susceptible persons.

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media
DO NOT USE WATER

5.2. Special hazards arising from the substance or mixture

In the event of fire and/or explosion do not breathe fumes May cause sensitization by inhalation and skin contact Thermal decomposition can lead to release of irritating and toxic gases and vapors Thermal decomposition can lead to release of irritating and toxic gases and vapors

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions
Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required.

For emergency responders
Use personal protection recommended in Section 8.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Soak up with inert absorbent material.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

See Section 12: ECOLOGICAL INFORMATION.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and

explosion-proof equipment. All equipment used when handling the product must be grounded.

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

7.2. Conditions for safe storage, including any incompatibilities

Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep containers tightly closed in a cool, well-ventilated place.

7.3. Specific end use(s)

To avoid risks to human health and the environment, comply with the instructions for use.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Ethanol 64-17-5		STEL: 3000 ppm STEL: 5760 mg/m³ TWA: 1000 ppm TWA: 1920 mg/m³	TWA: 1000 ppm TWA: 1900 mg/m³ STEL: 5000 ppm STEL: 9500 mg/m³	STEL: 1000 ppm STEL: 1910 mg/m³	TWA: 500 ppm TWA: 960 mg/m³ Ceiling / Peak: 1000 ppm Ceiling / Peak: 1920 mg/m³ Skin
Propanol, oxybis- 25265-71-8					TWA: 100 mg/m³ Ceiling / Peak: 200 mg/m³
Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene- 127-91-3			TWA: 1000 mg/m³ STEL: 1500 mg/m³	TWA: 20 ppm TWA: 113 mg/m³	
Acetic acid ethyl ester 141-78-6		STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 1400 mg/m³	TWA: 400 ppm TWA: 1460 mg/m³	TWA: 200 ppm TWA: 750 mg/m³ Ceiling / Peak: 400 ppm Ceiling / Peak: 1500 mg/m³ TWA: 400 ppm TWA: 1500 mg/m³
1,4-Cyclohexadiene, 1-methyl-4-(1-methylethyl)- 99-85-4			TWA: 1000 mg/m³ STEL: 1500 mg/m³		

Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
Ethanol 64-17-5		TWA: 1000 ppm	Skin STEL: 1900 mg/m³ TWA: 260 mg/m³	TWA: 1000 ppm TWA: 1900 mg/m³ STEL: 1300 ppm STEL: 2500 mg/m³	TWA: 1000 ppm TWA: 1900 mg/m³
Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene- 127-91-3		TWA: 20 ppm			
Acetic acid ethyl ester 141-78-6		TWA: 400 ppm		TWA: 300 ppm TWA: 1100 mg/m³ STEL: 500 ppm STEL: 1800 mg/m³	TWA: 150 ppm TWA: 540 mg/m³

Chemical Name	Austria	Switzerland	Poland	Norway	Ireland	Czech Republic
Ethanol 64-17-5	STEL 2000 ppm STEL 3800 mg/m³ TWA: 1000 ppm TWA: 1900 mg/m³	STEL: 1000 ppm STEL: 1920 mg/m³ TWA: 500 ppm TWA: 960 mg/m³	TWA: 1900 mg/m³	TWA: 500 ppm TWA: 950 mg/m³ STEL: 625 ppm STEL: 1187.5 mg/m³	STEL: 1000 ppm	Ceiling: 3000 mg/m³ TWA: 1000 mg/m³
Propanol, oxybis- 25265-71-8		STEL: 280 mg/m³ TWA: 140 mg/m³				
Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methyle				TWA: 25 ppm TWA: 140 mg/m³		

ne- 127-91-3				STEL: 37.5 ppm STEL: 175 mg/m³		
Acetic acid ethyl ester 141-78-6	STEL 600 ppm STEL 2100 mg/m³ TWA: 300 ppm TWA: 1050 mg/m³	STEL: 800 ppm STEL: 2800 mg/m³ TWA: 400 ppm TWA: 1400 mg/m³	STEL: 1468 mg/m³ TWA: 734 mg/m³	TWA: 150 ppm TWA: 550 mg/m³ STEL: 187.5 ppm STEL: 687.5 mg/m³	TWA: 200 ppm STEL: 400 ppm	Ceiling: 900 mg/m³ TWA: 700 mg/m³

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection Tight sealing safety goggles.

Skin and body protection Antistatic footwear. Wear fire/flame resistant/retardant clothing. Gloves made of plastic or rubber.

Environmental exposure controls Do not allow into any sewer, on the ground or into any body of water.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	liquid		
Appearance	liquid	**Odor**	Characteristic
Color	No information available	**Odor threshold**	No information available

Property	**Values**	**Remarks • Method**
pH		Not Applicable
Melting point/freezing point		No information available
Boiling point / boiling range	= 78 °C	
Flash point	= 13 °C	
Evaporation rate		No information available
Flammability (solid, gas)		No information available
Flammability Limit in Air		
Upper flammability limit:		No information available
Lower flammability limit:		No information available
Vapor Pressure @20°C (kPa)	No information available	No information available
Vapor density		No information available
Specific Gravity		No information available
Water solubility	Miscible in water	
Solubility(ies)		No information available
Partition coefficient		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Kinematic viscosity		No information available
Dynamic viscosity		No information available
Explosive properties	No information available	
Oxidizing properties	No information available	

9.2. Other information

Softening point	No information available
Molecular weight	Not Applicable
VOC Content (%)	80.96
Density	No information available
Bulk density	No information available

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal conditions.

Explosion data
Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

None under normal use conditions.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Product information
Product does not present an acute toxicity hazard based on known or supplied information.

Unknown Acute Toxicity 56% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document
ATEmix (oral) 7,149.00 mg/kg
ATEmix (dermal) 14,650.00 mg/kg

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethanol	= 7060 mg/kg (Rat)		= 124.7 mg/L (Rat) 4 h
Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene-	= 4700 mg/kg (Rat) > 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation Contact with eyes may cause irritation.

Sensitization Repeated or prolonged contact may cause allergic reactions in very susceptible persons.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT - single exposure Eyes. Skin. Gastrointestinal tract (GI).

STOT - repeated exposure No information available.

Target Organ Effects blood, Central nervous system, Eyes, liver, Peripheral Nervous System (PNS), Reproductive System, Respiratory system, Skin.

Aspiration hazard No information available.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

82.08% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Ethanol		12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 100: 96 h Pimephales promelas mg/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through	9268 - 14221: 48 h Daphnia magna mg/L LC50 10800: 24 h Daphnia magna mg/L EC50 2: 48 h Daphnia magna mg/L EC50 Static
Propanol, oxybis-		5000: 24 h Carassius auratus mg/L LC50 static	
1,6-Octadien-3-ol, 3,7-dimethyl-	88.3: 96 h Desmodesmus subspicatus mg/L EC50	22 - 46: 96 h Leuciscus idus mg/L LC50 static	20: 48 h Daphnia magna mg/L EC50
Acetic acid ethyl ester	3300: 48 h Desmodesmus subspicatus mg/L EC50	484: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 352 - 500: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 220 - 250: 96 h Pimephales promelas mg/L LC50 flow-through	560: 48 h Daphnia magna mg/L EC50 Static

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

Chemical Name	Partition coefficient
Ethanol	-0.32
Benzoic acid, phenylmethyl ester	4
1,6-Octadien-3-ol, 3,7-dimethyl-	2.84 - 3.1
Acetic acid ethyl ester	0.6

12.4. Mobility in soil

Mobility in soil
No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available

Section 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.
Contaminated packaging	Improper disposal or reuse of this container may be dangerous and illegal.
Other Information	Waste codes should be assigned by the user based on the application for which the product was used.

Section 14: TRANSPORT INFORMATION

IMDG

UN/ID No.	1266
Proper shipping name	Perfumery products with flammable solvents
Hazard Class	3
Packing Group	II
EmS-No	F-E, S-D
Special Provisions	163
Marine pollutant	Marine pollutant

RID

UN/ID No.	1266
Proper shipping name	Perfumery products with flammable solvents
Hazard Class	3
Packing Group	II
Environmental hazard	Yes

ADR

UN/ID No.	1266
Proper shipping name	Perfumery products with flammable solvents
Hazard Class	3
Packing Group	II
Environmental hazard	Yes

ICAO (air)

UN/ID No.	1266
Proper shipping name	Perfumery products with flammable solvents
Hazard Class	3
Packing Group	II
Special Provisions	A3
Environmental hazard	Yes

IATA

UN/ID No.	1266
Proper shipping name	Perfumery products with flammable solvents
Hazard Class	3
Packing Group	II
Special Provisions	A3
Environmental hazard	Yes

Section 15: REGULATORY INFORMATION

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

Chemical Name	French RG number	Title
Ethanol 64-17-5	RG 84	
Acetic acid ethyl ester 141-78-6	RG 84	

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

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

No information available

Section 16: OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H318 - Causes serious eye damage
H412 - Harmful to aquatic life with long lasting effects
H302 - Harmful if swallowed
H400 - Very toxic to aquatic life
H411 - Toxic to aquatic life with long lasting effects
H226 - Flammable liquid and vapor
H304 - May be fatal if swallowed and enters airways
H410 - Very toxic to aquatic life with long lasting effects
H227 - Combustible liquid
H402 - Harmful to aquatic life
H225 - Highly flammable liquid and vapor
H336 - May cause drowsiness or dizziness
H301 - Toxic if swallowed
H311 - Toxic in contact with skin
H316 - Causes mild skin irritation
H401 - Toxic to aquatic life
H303 - May be harmful if swallowed

Classification procedure
Classification according to calculation method of the CLP regulation.

Key literature references and sources for data
IFRA-IOFI Labelling Manual, RIFM/FEMA database, Supplier Information

Issue Date 26-Aug-2019

Revision Date 21-Dec-2018

Revision Note Not Applicable.

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

Disclaimer
This document was prepared to the requirements of the jurisdiction specified in Section 2 above and may not meet regulatory requirements in other countries. The information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

End of Safety Data Sheet