HOME FRAGRANCE ITALIA S.R.L.
a socio unico – Società soggetta a direzione e coordinamento di
Yankee Candle Company (Europe) Ltd
Capitale sociale Euro 10.920 i.v.
P.IVA IT12886810154 REA 1593831 Cod. Mecc. MI314449

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Sede legale
Via Tonale, 26
20125 Milano (MI)

Sede operativa
Via del Commercio, 28
20881 Bernareggio (MB)

SAFETY DATA SHEET

Issue Date 23-Aug-2019 **Revision Date** 18-Mar-2020 **Version** 8

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

1.1. Product identifier

Trade name / designation **Fragrance Diffuser COLD WATER** MI
Product Code 7REMCW
Product Name FRAGRANCE FOR DIFFUSER 250ml COLD WATER

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 1A - (H317)
Chronic aquatic toxicity	Category 2 - (H411)
Flammable liquids	Category 2 - (H225)

2.2. Label elements

Contains Lyral, Isocyclemone E, Linalyl acetate, alpha-Isomethyl Ionone, Limonene

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
If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash with plenty of water.
If skin irritation or rash occurs: Get medical advice/attention
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
Store in a well-ventilated place. Keep container tightly closed
Dispose of contents/containers in accordance with local regulations

Contains Linalool, Ethanone, 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)-, 1-(1,2,3,4,6,7,8,8a-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, beta-Pinene, Nopyl acetate, Citral, beta-Caryophyllene, menthone, Lavandin grosso oil, (-)-Pin-2(3)-ene, 3-Octanol, 3,7-dimethyl-, alpha-Pinenes, 2,4-Dimethyl-3-cyclohexene carboxaldehyde, Cyclohexene, 1-methyl-4-(1-methylethylidene)-, Eucalyptol, trans-Rose Ketone-2, trans-Rose Ketone-1, 6-Octen-1-ol, 3,7-dimethyl-, 1-formate, Geranyl acetate, Citronellol, Geraniol 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)
Propanol, oxybis-	246-770-3	25265-71-8	>=20 <50%	Not Classified
2,6-DIMETHYL-7-OCTEN-2-OL	242-362-4	18479-58-8	>=5 <10%	Flam. Liq. 4 (H227) Acute Tox. 5 (H303) Skin Irrit. 2 (H315) Eye Irrit. 2A (H319) Aquatic Acute 3 (H402)
Ethanone, 1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthalenyl)-	216-133-4	1506-02-1	>=1 <3%	Acute Tox. 4 (H302) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
Isocyclemone E	259-174-3	54464-57-2	>=1 <3%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Chronic 1 (H410)
Lyral	250-863-4	31906-04-4	>=1 <3%	Skin Sens. 1A (H317)
alpha-Isomethyl Ionone	204-846-3	127-51-5	>=1 <3%	Skin Sens. 1B (H317) Aquatic Chronic 2 (H411)
Linalyl acetate	204-116-4	115-95-7	>=1 <3%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317)
Limonene	227-813-5	5989-27-5	>=1 <3%	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315)

				Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
Diethyl phthalate	201-550-6	84-66-2	>=1 <3%	Skin Irrit. 3 (H316) Aquatic Acute 3 (H402)
Ethanone, 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)-	268-978-3	68155-66-8	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Acute 2 (H401) Aquatic Chronic 1 (H410)
Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-	214-946-9	1222-05-5	>=0.1 <1%	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
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)
Nopyl acetate	204-891-9	128-51-8	>=0.1 <1%	Acute Tox. 5 (H303) Skin Sens. 1B (H317) Eye Irrit. 2A (H319) Aquatic Acute 2 (H401) Aquatic Chronic 2 (H411)
Citral	226-394-6	5392-40-5	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Eye Irrit. 2 (H319)
Linalool	201-134-4	78-70-6	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Eye Irrit. 2 (H319)
1-(1,2,3,4,6,7,8,8a-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	268-979-9	68155-67-9	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Acute 2 (H401) Aquatic Chronic 1 (H410)
beta-Caryophyllene	201-746-1	87-44-5	>=0.1 <1%	Asp. Tox. 1 (H304) Skin Sens. 1B (H317) Aquatic Chronic 4 (H413)
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl-	200-945-0	76-22-2	>=0.1 <1%	Flam. Sol. 2 (H228) Acute Tox. 4 (H302) Acute Tox. 4 (H332) STOT SE 2 (H371) Aquatic Acute 3 (H402)
thuj-4(10)-ene	222-212-4	3387-41-5	>=0.1 <1%	No data available
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	204-881-4	128-37-0	>=0.1 <1%	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
Lavandin grosso oil	297-385-2	93455-97-1	>=0.1 <1%	Aquatic Acute 2 (H401) Skin Sens. 1 (H317) Eye Irrit. 1 (H319) Aquatic Chronic 3 (H412) Flam. Liq. 4 (H227)
Ethanol, 2-(2-ethoxyethoxy)-	203-919-7	111-90-0	>=0.1 <1%	Flam. Liq. 4 (H227)
Cyclohexene, 1-methyl-4-(1-methylethylidene)-	209-578-0	586-62-9	>=0.1 <1%	Flam. Liq. 4 (H227) Acute Tox. 5 (H303) Asp. Tox. 1 (H304) Skin Irrit. 3 (H316) Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
menthone	201-941-1	89-80-5	>=0.1 <1%	Flam. Liq. 4 (H227) Acute Tox. 5 (H303) Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Acute 3 (H402)
alpha-Pinenes	201-291-9	80-56-8	>=0.1 <1%	Flam. Liq. 3 (H226) Acute Tox. 4 (H302) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Skin Sens. 1B (H317)

				Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-	201-234-8	79-92-5	>=0.1 <1%	Flam. Sol. 2 (H228) Eye Irrit. 2 (H319) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
Benzene, 1-methyl-4-(1-methylethyl)-	202-796-7	99-87-6	>=0.1 <1%	Not classified
Benzene, 1,1'-oxybis-	202-981-2	101-84-8	>=0.1 <1%	Eye Irrit. 2 (H319) Aquatic Acute 1 (H400) Aquatic Chronic 3 (H412)
6-Octen-1-ol, 3,7-dimethyl-, 1-formate	203-338-9	105-85-1	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317)
Citronellol	203-375-0	106-22-9	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Eye Irrit. 2 (H319)
3-Octanol, 3,7-dimethyl-	201-133-9	78-69-3	>=0.1 <1%	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)
Eucalyptol	207-431-5	470-82-6	>=0.1 <1%	Flam. Liq. 3 (H226) Skin Sens. 1B (H317)
trans-Rose Ketone-1	246-430-4	24720-09-0	>=0.1 <1%	Acute Tox. 4 (H302) Skin Sens. 1B (H317) Aquatic Acute 2 (H401) Aquatic Chronic 2 (H411)
trans-Rose Ketone-2	245-842-1	23726-91-2	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Acute 2 (H401) Aquatic Chronic 2 (H411)
Geranyl acetate	203-341-5	105-87-3	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Aquatic Chronic 3 (H412)
Geraniol	203-377-1	106-24-1	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Eye Dam. 1 (H318)
1,6-Octadiene, 7-methyl-3-methylene-	204-622-5	123-35-3	>=0.1 <1%	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)
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)
1,3-Cyclohexadiene, 1-methyl-4-(1-methylethyl)-	202-795-1	99-86-5	>=0.1 <1%	Flam. Liq. 3 (H226) Acute Tox. 4 (H302) Asp. Tox. 1 (H304) Skin Irrit. 3 (H316) Aquatic Acute 2 (H401) Aquatic Chronic 2 (H411)
1,3,6-Octatriene, 3,7-dimethyl-	237-641-2	13877-91-3	>=0.1 <1%	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)
(-)-Pin-2(3)-ene	232-077-3	7785-26-4	>=0.1 <1%	Flam. Liq. 3 (H226) Acute Tox. 4 (H302) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)

t-Butyl Alcohol	200-889-7	75-65-0	>=0.01 <0.1%	Flam. Liq. 2 (H225) Eye Irrit. 2 (H319) Acute Tox. 4 (H332) STOT SE 3 (H335)

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

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

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

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

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

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

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
No information available

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

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

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.

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
(R)-p-mentha-1,8-diene			TWA: 1000 mg/m³		TWA: 5 ppm

5989-27-5			STEL: 1500 mg/m³		TWA: 28 mg/m³ Ceiling / Peak: 20 ppm Ceiling / Peak: 112 mg/m³ Skin
Diethyl phthalate 84-66-2		STEL: 10 mg/m³ TWA: 5 mg/m³	TWA: 5 mg/m³	TWA: 5 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	
2,6-Octadienal, 3,7-dimethyl- 5392-40-5				S* TWA: 5 ppm	
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- 76-22-2		STEL: 3 ppm STEL: 19 mg/m³ TWA: 2 ppm TWA: 13 mg/m³	TWA: 2 ppm TWA: 12 mg/m³	STEL: 3 ppm STEL: 19 mg/m³ TWA: 2 ppm TWA: 13 mg/m³	
thuj-4(10)-ene 3387-41-5			TWA: 1000 mg/m³ STEL: 1500 mg/m³		
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- 128-37-0		STEL: 30 mg/m³ TWA: 10 mg/m³	TWA: 10 mg/m³	TWA: 10 mg/m³	TWA: 10 mg/m³ Ceiling / Peak: 40 mg/m³ Skin
Ethanol, 2-(2-ethoxyethoxy)- 111-90-0					TWA: 50 mg/m³ Ceiling / Peak: 100 mg/m³ TWA: 6 ppm TWA: 35 mg/m³
Cyclohexene, 1-methyl-4-(1-methylethylidene)- 586-62-9			TWA: 1000 mg/m³ STEL: 1500 mg/m³		
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl- 80-56-8			TWA: 1000 mg/m³ STEL: 1500 mg/m³	TWA: 20 ppm TWA: 113 mg/m³	
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene- 79-92-5			TWA: 1000 mg/m³ STEL: 1500 mg/m³		
Benzene, 1-methyl-4-(1-methylethyl)- 99-87-6			TWA: 150 mg/m³ TWA: 1000 mg/m³ STEL: 1500 mg/m³		
Benzene, 1,1'-oxybis- 101-84-8		STEL: 3 ppm STEL: 21.3 mg/m³ TWA: 1 ppm TWA: 7.1 mg/m³	TWA: 1 ppm TWA: 7 mg/m³	STEL: 2 ppm STEL: 14.2 mg/m³ TWA: 1 ppm TWA: 7.1 mg/m³	TWA: 1 ppm TWA: 7.1 mg/m³ Ceiling / Peak: 1 ppm Ceiling / Peak: 7.1 mg/m³
1,6-Octadiene, 7-methyl-3-methylene- 123-35-3			TWA: 1000 mg/m³ STEL: 1500 mg/m³		
1,4-Cyclohexadiene, 1-methyl-4-(1-methylethyl)- 99-85-4			TWA: 1000 mg/m³ STEL: 1500 mg/m³		
1,3-Cyclohexadiene, 1-methyl-4-(1-methylethyl)- 99-86-5			TWA: 1000 mg/m³ STEL: 1500 mg/m³		
1,3,6-Octatriene, 3,7-dimethyl- 13877-91-3			TWA: 1000 mg/m³ STEL: 1500 mg/m³		
(-)-Pin-2(3)-ene 7785-26-4			TWA: 1000 mg/m³ STEL: 1500 mg/m³		
t-Butyl Alcohol 75-65-0		STEL: 150 ppm STEL: 462 mg/m³ TWA: 100 ppm	TWA: 100 ppm TWA: 300 mg/m³	TWA: 100 ppm TWA: 308 mg/m³	TWA: 20 ppm TWA: 62 mg/m³ Ceiling / Peak: 80 ppm

		TWA: 308 mg/m³			Ceiling / Peak: 248 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
(R)-p-mentha-1,8-diene 5989-27-5				TWA: 25 ppm TWA: 140 mg/m³ STEL: 50 ppm STEL: 280 mg/m³	
Diethyl phthalate 84-66-2		TWA: 5 mg/m³		TWA: 5 mg/m³ STEL: 10 mg/m³	TWA: 3 mg/m³
Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene- 127-91-3		TWA: 20 ppm			
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- 76-22-2		STEL: 3 ppm TWA: 2 ppm		TWA: 0.3 ppm TWA: 1.9 mg/m³ STEL: 0.9 ppm STEL: 5.7 mg/m³	TWA: 2 ppm TWA: 12 mg/m³
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- 128-37-0		TWA: 2 mg/m³		TWA: 10 mg/m³ STEL: 20 mg/m³	TWA: 10 mg/m³
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl- 80-56-8		TWA: 20 ppm			
Benzene, 1-methyl-4-(1-methylethyl)- 99-87-6					TWA: 25 ppm TWA: 135 mg/m³
Benzene, 1,1'-oxybis- 101-84-8		STEL: 2 ppm TWA: 1 ppm		TWA: 1 ppm TWA: 7.1 mg/m³ STEL: 3 ppm STEL: 21 mg/m³	TWA: 1 ppm TWA: 7 mg/m³
t-Butyl Alcohol 75-65-0		TWA: 100 ppm		TWA: 50 ppm TWA: 150 mg/m³ STEL: 75 ppm STEL: 230 mg/m³ Skin	Ceiling: 50 ppm Ceiling: 150 mg/m³ Skin

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				
(R)-p-mentha-1,8-diene 5989-27-5		STEL: 14 ppm STEL: 80 mg/m³ TWA: 7 ppm TWA: 40 mg/m³		TWA: 25 ppm TWA: 140 mg/m³ STEL: 37.5 ppm STEL: 175 mg/m³		
Diethyl phthalate 84-66-2	STEL 5 mg/m³ TWA: 3 mg/m³	TWA: 5 mg/m³	STEL: 15 mg/m³ TWA: 5 mg/m³	TWA: 3 mg/m³ STEL: 6 mg/m³	TWA: 5 mg/m³ STEL: 10 mg/m³	
Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene- 127-91-3				TWA: 25 ppm TWA: 140 mg/m³ STEL: 37.5 ppm STEL: 175 mg/m³		
2,6-Octadienal, 3,7-dimethyl- 5392-40-5			STEL: 54 mg/m³ TWA: 27 mg/m³			
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- 76-22-2	TWA: 2 ppm TWA: 13 mg/m³	TWA: 2 ppm TWA: 13 mg/m³	STEL: 18 mg/m³ TWA: 12 mg/m³	TWA: 2 ppm TWA: 12 mg/m³ STEL: 4 ppm STEL: 18 mg/m³	TWA: 2 ppm TWA: 12 mg/m³ STEL: 3 ppm STEL: 18 mg/m³	

Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- 128-37-0	TWA: 10 mg/m³	STEL: 40 mg/m³ TWA: 10 mg/m³			TWA: 10 mg/m³ STEL: 30 mg/m³	
Ethanol, 2-(2-ethoxyethoxy)- 111-90-0	STEL 24 ppm STEL 140 mg/m³ TWA: 6 ppm TWA: 35 mg/m³	STEL: 100 mg/m³ TWA: 50 mg/m³				
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl- 80-56-8				TWA: 25 ppm TWA: 140 mg/m³ Skin STEL: 37.5 ppm STEL: 175 mg/m³		
Benzene, 1,1'-oxybis- 101-84-8	TWA: 1 ppm TWA: 7 mg/m³	STEL: 1 ppm STEL: 7 mg/m³ TWA: 1 ppm TWA: 7 mg/m³	STEL: 14 mg/m³ TWA: 7 mg/m³	TWA: 1 ppm TWA: 7 mg/m³ STEL: 2 ppm STEL: 14 mg/m³	TWA: 1 ppm TWA: 7 mg/m³ STEL: 3 ppm STEL: 21 mg/m³	Ceiling: 10 mg/m³ TWA: 5 mg/m³
1,6-Octadiene, 7-methyl-3-methylene- 123-35-3				TWA: 40 ppm TWA: 275 mg/m³ STEL: 60 ppm STEL: 343.75 mg/m³		
t-Butyl Alcohol 75-65-0	Skin STEL 80 ppm STEL 248 mg/m³ TWA: 20 ppm TWA: 62 mg/m³	STEL: 80 ppm STEL: 240 mg/m³ TWA: 20 ppm TWA: 60 mg/m³	STEL: 450 mg/m³ TWA: 300 mg/m³	Skin Ceiling: 25 ppm Ceiling: 75 mg/m³	TWA: 100 ppm TWA: 300 mg/m³ STEL: 150 ppm STEL: 450 mg/m³	Ceiling: 600 mg/m³ TWA: 300 mg/m³ Skin

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

Color No information available

Odor Characteristic

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	No information available	

@20°C (kPa)		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 (%)	93.8
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 8.9394% 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)	24,868.00 mg/kg
ATEmix (dermal)	26,325.00 mg/kg
ATEmix (inhalation-dust/mist)	685.71 mg/l
ATEmix (inhalation-vapor)	457.14 mg/l

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethanol	= 7060 mg/kg (Rat)		= 124.7 mg/L (Rat) 4 h
(R)-p-mentha-1,8-diene	= 5200 mg/kg (Rat) = 4400 mg/kg (Rat)	> 5 g/kg (Rabbit)	
Diethyl phthalate	= 8600 mg/kg (Rat)	> 11200 mg/kg (Rat)	> 4.64 mg/L (Rat) 6 h
Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene-	= 4700 mg/kg (Rat) > 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	
2,6-Octadienal, 3,7-dimethyl-	= 4960 mg/kg (Rat)	= 2250 mg/kg (Rabbit)	
1,6-Octadiene, 7-methyl-3-methylene-	> 5 g/kg (Rat)	> 5 g/kg (Rabbit)	
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	> 2930 mg/kg (Rat)	> 2000 mg/kg (Rat)	
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-	= 3700 mg/kg (Rat)	> 5000 mg/kg (Rat)	
t-Butyl Alcohol	= 2200 mg/kg (Rat)	> 2 g/kg (Rabbit)	> 10000 ppm (Rat) 4 h

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 No information available.

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

92.23604% 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	
(R)-p-mentha-1,8-diene		35: 96 h Oncorhynchus mykiss	

		mg/L LC50 0.619 - 0.796: 96 h Pimephales promelas mg/L LC50 flow-through	
Diethyl phthalate	23: 72 h Desmodesmus subspicatus mg/L EC50 21: 96 h Desmodesmus subspicatus mg/L EC50 21: 96 h Desmodesmus subspicatus mg/L EC50 static 2.11 - 4.29: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 42 - 255: 72 h Pseudokirchneriella subcapitata mg/L EC50 23: 72 h Desmodesmus subspicatus mg/L EC50 static	16.8: 96 h Pimephales promelas mg/L LC50 static 16.7: 96 h Lepomis macrochirus mg/L LC50 static 17: 96 h Pimephales promelas mg/L LC50 flow-through 22: 96 h Lepomis macrochirus mg/L LC50 flow-through 12: 96 h Oncorhynchus mykiss mg/L LC50 flow-through	86: 48 h Daphnia magna mg/L EC50 Static 36 - 74: 48 h Daphnia magna mg/L EC50
2,6-Octadienal, 3,7-dimethyl-	19: 96 h Desmodesmus subspicatus mg/L EC50 16: 72 h Desmodesmus subspicatus mg/L EC50	4.6 - 10: 96 h Leuciscus idus mg/L LC50 static	7: 48 h Daphnia magna mg/L EC50
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
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	6: 72 h Pseudokirchneriella subcapitata mg/L EC50 0.42: 72 h Desmodesmus subspicatus mg/L EC50	5: 48 h Oryzias latipes mg/L LC50	
Ethanol, 2-(2-ethoxyethoxy)-		11400 - 15700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 11600 - 16700: 96 h Pimephales promelas mg/L LC50 flow-through 10000: 96 h Lepomis macrochirus mg/L LC50 static 19100 - 23900: 96 h Lepomis macrochirus mg/L LC50 flow-through 13400: 96 h Salmo gairdneri mg/L LC50 flow-through	3940 - 4670: 48 h Daphnia magna mg/L EC50
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-		0.28: 96 h Pimephales promelas mg/L LC50 static	41: 48 h Daphnia magna mg/L LC50
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-	1000: 72 h Desmodesmus subspicatus mg/L EC50	0.72: 96 h Brachydanio rerio mg/L LC50 flow-through 150: 96 h Brachydanio rerio mg/L LC50 static	22: 48 h Daphnia magna mg/L EC50
Benzene, 1,1'-oxybis-		4 - 7.9: 96 h Pimephales promelas mg/L LC50 static 4: 96 h Pimephales promelas mg/L LC50 flow-through	0.11 - 1.1: 48 h Daphnia magna mg/L LC50
2-Oxabicyclo[2.2.2]octane, 1,3,3-trimethyl-		95.4 - 109: 96 h Pimephales promelas mg/L LC50 flow-through	
t-Butyl Alcohol	1000: 72 h Desmodesmus subspicatus mg/L EC50	6130 - 6700: 96 h Pimephales promelas mg/L LC50 flow-through	4607 - 6577: 48 h Daphnia magna mg/L EC50 Static 933: 48 h Daphnia magna mg/L EC50

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

Chemical Name	Partition coefficient
Ethanol	-0.32
Ethanone, 1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthalenyl)-	4.6
Diethyl phthalate	2.35
2,6-Octadienal, 3,7-dimethyl-	2.76
1,6-Octadien-3-ol, 3,7-dimethyl-	2.84 - 3.1
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	4.17
Ethanol, 2-(2-ethoxyethoxy)-	-0.8
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-	4.1
Benzene, 1-methyl-4-(1-methylethyl)-	4.1
Benzene, 1,1'-oxybis-	4.2

t-Butyl Alcohol	0.35

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

Chemical Name	EU - Endocrine Disrupters Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Endocrine disrupting potential
Diethyl phthalate	Group III Chemical		

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
Environmental hazard	Yes

IATA

UN/ID No.	1266
Proper shipping name	Perfumery products with flammable solvents
Hazard Class	3
Packing Group	II
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	
(R)-p-mentha-1,8-diene 5989-27-5	RG 84	
Ethanol, 2-(2-ethoxyethoxy)- 111-90-0	RG 84	
t-Butyl Alcohol 75-65-0	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

H319 - Causes serious eye irritation
H400 - Very toxic to aquatic life
H412 - Harmful to aquatic life with long lasting effects
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H227 - Combustible liquid
H410 - Very toxic to aquatic life with long lasting effects

H226 - Flammable liquid and vapor
H304 - May be fatal if swallowed and enters airways
H411 - Toxic to aquatic life with long lasting effects
H303 - May be harmful if swallowed
H401 - Toxic to aquatic life
H302 - Harmful if swallowed
H402 - Harmful to aquatic life
H316 - Causes mild skin irritation
H225 - Highly flammable liquid and vapor
H332 - Harmful if inhaled
H335 - May cause respiratory irritation
H228 - Flammable solid
H371 - May cause damage to organs if inhaled
H413 - May cause long lasting harmful effects to aquatic life

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	23-Aug-2019
Revision Date	18-Mar-2020
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