



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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Via del Commercio, 28
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SAFETY DATA SHEET

Issue Date 26-Aug-2019

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Version 5

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

1.1. Product identifier

Trade name / designation	Water Soluble Fragrance COLD WATER MI
Product Code	7FICW
Product Name	WATER-SOLUBLE FRAGRANCE 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)
Skin sensitization	Category 1A - (H317)
Chronic aquatic toxicity	Category 2 - (H411)
Flammable liquids	Category 3 - (H226)

2.2. Label elements



Contains alpha-Isomethyl Ionone, Linalyl acetate, Lyrall, Isocyclemone E, Limonene, Linalool

Warning

Causes skin irritation

May cause an allergic skin reaction

Toxic to aquatic life with long lasting effects

Keep out of reach of children

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 alpha-Pinenes, beta-Caryophyllene, menthone, Eucalyptol, Citral, 2,4-Dimethyl-3-cyclohexene carboxaldehyde, 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, (-)-Pin-2(3)-ene, 3-Octanol, 3,7-dimethyl-, Geranyl acetate, Citronellol, Geraniol, Nopyl acetate, trans-Rose Ketone-2, trans-Rose Ketone-1 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, 2-(2-ethoxyethoxy)-	203-919-7	111-90-0	>=20 <50%	Flam. Liq. 4 (H227)
Propanol, oxybis-	246-770-3	25265-71-8	>=5 <10%	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)
Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-	214-946-9	1222-05-5	>=1 <3%	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
Lyrall	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)
Linalool	201-134-4	78-70-6	>=1 <3%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Eye Irrit. 2 (H319)
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)
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)
Ethanone, 1-(1,2,3,5,6,7,8,8a-octahydr o-2,3,8,8-tetramethyl-2-naph thalenyl)- menthone	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)
beta-Caryophyllene	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)
Nopyl acetate	201-746-1	87-44-5	>=0.1 <1%	Asp. Tox. 1 (H304) Skin Sens. 1B (H317) Aquatic Chronic 4 (H413)
alpha-Pinenes	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)
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-	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]heptan-2-one, 1,7,7-trimethyl-	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)- Citronellol	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)
3-Octanol, 3,7-dimethyl-	202-796-7	99-87-6	>=0.1 <1%	Not classified
2,4-Dimethyl-3-cyclohexene carboxaldehyde	203-375-0	106-22-9	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Eye Irrit. 2 (H319)
Eucalyptol	201-133-9	78-69-3	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Eye Irrit. 2 (H319)
trans-Rose Ketone-1	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)
trans-Rose Ketone-2	207-431-5	470-82-6	>=0.1 <1%	Flam. Liq. 3 (H226) Skin Sens. 1B (H317)
Citral	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)
Geranyl acetate	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)
Geraniol	226-394-6	5392-40-5	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Eye Irrit. 2 (H319)
	203-341-5	105-87-3	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Aquatic Chronic 3 (H412)
	203-377-1	106-24-1	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1 (H317)

				Eye Dam. 1 (H318)
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)
(-)-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)

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	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. Rinse mouth. Immediate medical attention is not required.
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, 2-(2-ethoxyethoxy)- 111-90-0					TWA: 50 mg/m ³ Ceiling / Peak: 100 mg/m ³ TWA: 6 ppm TWA: 35 mg/m ³
Propanol, oxybis- 25265-71-8					TWA: 100 mg/m ³ Ceiling / Peak: 200

					mg/m ³	
(R)-p-mentha-1,8-diene 5989-27-5			TWA: 1000 mg/m ³ STEL: 1500 mg/m ³		TWA: 5 ppm TWA: 28 mg/m ³ Ceiling / Peak: 20 ppm Ceiling / Peak: 112 mg/m ³ Skin	
Phenol, 2,6-bis(1,1-dimethylethyl)-4- methyl- 128-37-0		STEL: 30 mg/m ³ TWA: 10 mg/m ³	TWA: 10 mg/m ³	TWA: 10 mg/m ³	TWA: 10 mg/m ³ Ceiling / Peak: 40 mg/m ³ Skin	
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl- 80-56-8			TWA: 1000 mg/m ³ STEL: 1500 mg/m ³	TWA: 20 ppm TWA: 113 mg/m ³		
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene- 79-92-5			TWA: 1000 mg/m ³ STEL: 1500 mg/m ³			
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- 76-22-2		STEL: 3 ppm STEL: 19 mg/m ³ TWA: 2 ppm TWA: 13 mg/m ³	TWA: 2 ppm TWA: 12 mg/m ³	STEL: 3 ppm STEL: 19 mg/m ³ TWA: 2 ppm TWA: 13 mg/m ³		
Benzene, 1-methyl-4-(1-methylethyl)- 99-87-6			TWA: 150 mg/m ³ TWA: 1000 mg/m ³ STEL: 1500 mg/m ³			
2,6-Octadienal, 3,7-dimethyl- 5392-40-5				S* TWA: 5 ppm		
(-)-Pin-2(3)-ene 7785-26-4			TWA: 1000 mg/m ³ STEL: 1500 mg/m ³			
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark	
(R)-p-mentha-1,8-diene 5989-27-5				TWA: 25 ppm TWA: 140 mg/m ³ STEL: 50 ppm STEL: 280 mg/m ³		
Phenol, 2,6-bis(1,1-dimethylethyl)-4- methyl- 128-37-0		TWA: 2 mg/m ³		TWA: 10 mg/m ³ STEL: 20 mg/m ³	TWA: 10 mg/m ³	
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl- 80-56-8		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/m ³ STEL: 0.9 ppm STEL: 5.7 mg/m ³	TWA: 2 ppm TWA: 12 mg/m ³	
Benzene, 1-methyl-4-(1-methylethyl)- 99-87-6					TWA: 25 ppm TWA: 135 mg/m ³	
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland	Czech Republic
Ethanol, 2-(2-ethoxyethoxy)- 111-90-0	STEL 24 ppm STEL 140 mg/m ³ TWA: 6 ppm TWA: 35 mg/m ³	STEL: 100 mg/m ³ TWA: 50 mg/m ³				
Propanol, oxybis- 25265-71-8		STEL: 280 mg/m ³ TWA: 140 mg/m ³				
(R)-p-mentha-1,8-dien e 5989-27-5		STEL: 14 ppm STEL: 80 mg/m ³ TWA: 7 ppm TWA: 40 mg/m ³		TWA: 25 ppm TWA: 140 mg/m ³ STEL: 37.5 ppm STEL: 175 mg/m ³		
Phenol, 2,6-bis(1,1-dimethyleth yl)-4-methyl- 128-37-0	TWA: 10 mg/m ³	STEL: 40 mg/m ³ TWA: 10 mg/m ³			TWA: 10 mg/m ³ STEL: 30 mg/m ³	
Bicyclo[3.1.1]hept-2-en e, 2,6,6-trimethyl- 80-56-8				TWA: 25 ppm TWA: 140 mg/m ³ Skin STEL: 37.5 ppm		

				STEL: 175 mg/m ³	
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl-76-22-2	TWA: 2 ppm TWA: 13 mg/m ³	TWA: 2 ppm TWA: 13 mg/m ³	STEL: 18 mg/m ³ TWA: 12 mg/m ³	TWA: 2 ppm TWA: 12 mg/m ³ STEL: 4 ppm STEL: 18 mg/m ³	TWA: 2 ppm TWA: 12 mg/m ³ STEL: 3 ppm STEL: 18 mg/m ³
2,6-Octadienal, 3,7-dimethyl-5392-40-5			STEL: 54 mg/m ³ TWA: 27 mg/m ³		

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	Odor	Characteristic
Appearance	liquid	Odor threshold	No information available
Color	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH		Not Applicable
Melting point/freezing point		No information available
Boiling point / boiling range		No information available
Flash point	>= 55 °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 (%)	50
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 72% 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) 7,667.00 mg/kg

ATEmix (dermal) 6,794.00 mg/kg

ATEmix (inhalation-dust/mist) 8.38 mg/l

ATEmix (inhalation-vapor) 8,908.00 mg/l

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethanol, 2-(2-ethoxyethoxy)-	= 10502 mg/kg (Rat)	= 9143 mg/kg (Rabbit) = 4200 μ L/kg (Rabbit) = 6 mL/kg (Rat)	> 5240 mg/m ³ (Rat) 4 h
(R)-p-mentha-1,8-diene	= 5200 mg/kg (Rat) = 4400 mg/kg (Rat)	> 5 g/kg (Rabbit)	
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-	= 3700 mg/kg (Rat)	> 5000 mg/kg (Rat)	
Phenol,	> 2930 mg/kg (Rat)	> 2000 mg/kg (Rat)	
2,6-bis(1,1-dimethylethyl)-4-methyl-2,6-Octadienal, 3,7-dimethyl-	= 4960 mg/kg (Rat)	= 2250 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	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

49% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
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
Propanol, oxybis-		5000: 24 h Carassius auratus mg/L LC50 static	
1,6-Octadien-3-ol, 3,7-dimethyl-(R)-p-mentha-1,8-diene	88.3: 96 h Desmodemus 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 Desmodemus subspicatus mg/L EC50	35: 96 h Oncorhynchus mykiss mg/L LC50 0.619 - 0.796: 96 h Pimephales promelas mg/L LC50 flow-through 5: 48 h Oryzias latipes mg/L LC50	
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 Desmodemus 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
2-Oxabicyclo[2.2.2]octane, 1,3,3-trimethyl-		95.4 - 109: 96 h Pimephales promelas mg/L LC50 flow-through	
2,6-Octadienal, 3,7-dimethyl-	19: 96 h Desmodemus subspicatus mg/L EC50 16: 72 h Desmodemus subspicatus mg/L EC50	4.6 - 10: 96 h Leuciscus idus mg/L LC50 static	7: 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, 2-(2-ethoxyethoxy)-	-0.8
Ethanone, 1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthalenyl)-	4.6
1,6-Octadien-3-ol, 3,7-dimethyl-	2.84 - 3.1
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	4.17
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-	4.1
Benzene, 1-methyl-4-(1-methylethyl)-	4.1
2,6-Octadienal, 3,7-dimethyl-	2.76

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	III
EmS-No	F-E, S-D

RID

UN/ID No.	1266
Proper shipping name	Perfumery products with flammable solvents
Hazard Class	3
Packing Group	III

ADR

UN/ID No.	1266
Proper shipping name	Perfumery products with flammable solvents
Hazard Class	3
Packing Group	III

ICAO (air)

UN/ID No.	1266
Proper shipping name	Perfumery products with flammable solvents
Hazard Class	3
Packing Group	III

IATA

UN/ID No.	1266
Proper shipping name	Perfumery products with flammable solvents
Hazard Class	3
Packing Group	III

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, 2-(2-ethoxyethoxy)- 111-90-0	RG 84	
(R)-p-mentha-1,8-diene 5989-27-5	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
H412 - Harmful to aquatic life with long lasting effects
H319 - Causes serious eye irritation
H318 - Causes serious eye damage
H227 - Combustible liquid
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
H303 - May be harmful if swallowed
H401 - Toxic to aquatic life
H302 - Harmful if swallowed
H402 - Harmful to aquatic life
H226 - Flammable liquid and vapor

H304 - May be fatal if swallowed and enters airways
H228 - Flammable solid
H332 - Harmful if inhaled
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	26-Aug-2019
Revision Date	01-Oct-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