



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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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 LEMON GRASS MI |
| Product Code | 7FILG |
| Product Name | MILLEFIORI NATURAL -FRAGRANZA IDROSOLUBILE LEMON GRASS |

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 1B - (H317) |
| Chronic aquatic toxicity | Category 3 - (H412) |

2.2. Label elements



Contains Linalool, Nerol, Linalyl acetate, Limonene, Terpenes, Orange Oil

Warning

Causes skin irritation
May cause an allergic skin reaction
Harmful 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

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

Dispose of contents/containers in accordance with local regulations

Contains 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] |
|--|-----------|------------|-----------|---|
| Propanol, oxybis- | 246-770-3 | 25265-71-8 | >=50% | Not Classified |
| Linalool | 201-134-4 | 78-70-6 | >=5 <10% | Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Eye Irrit. 2 (H319) |
| Nerol | 203-378-7 | 106-25-2 | >=1 <3% | Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Eye Irrit. 2 (H319) |
| Terpenes, Orange Oil | | 68647-72-3 | >=1 <3% | Aquatic Acute 1 (H400) Skin Sens. 1B (H317) Skin Irrit. 2 (H315) Asp. Tox. 1 (H304) Aquatic Chronic 1 (H410) Flam. Liq. 3 (H226) |
| 3-Hexen-1-ol, (3Z)- | 213-192-8 | 928-96-1 | >=1 <3% | Flam. Liq. 3 (H226) Eye Irrit. 2 (H319) |
| 3-Cyclohexene-1-methanol, .alpha.,.alpha.,4-trimethyl- | 202-680-6 | 98-55-5 | >=1 <3% | Flam. Liq. 4 (H227) Acute Tox. 5 (H303) Skin Irrit. 2 (H315) Eye Irrit. 2A (H319) Aquatic Acute 2 (H401) |
| 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) |
| Geraniol | 203-377-1 | 106-24-1 | >=0.1 <1% | Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Eye Dam. 1 (H318) |

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). If symptoms persist, call a physician. |
| Inhalation | Remove to fresh air. If symptoms persist, call a physician. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors. |
| Skin Contact | If skin irritation persists, call a physician. Wash off immediately with plenty of water for at least 15 minutes. Wash contaminated clothing before reuse. Wash off immediately with plenty of water. Wash off immediately with soap and plenty of water. Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. |
| Eye contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. |
| Ingestion | Do NOT induce vomiting. Drink plenty of water. Immediate medical attention is not required. Rinse mouth. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician. |
| Self-protection of the first aider | Use personal protective equipment as required. |

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. Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂). Extinguishing powder.

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

Use personal protective equipment as required. Avoid contact with eyes and skin. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. 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. Soak up with inert absorbent material. After cleaning, flush away traces with water. Prevent product from entering drains. Dam up.

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. Use personal protective equipment as required. Use with local exhaust ventilation. Do not breathe dust/fume/gas/mist/vapors/spray.

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

7.2. Conditions for safe storage, including any incompatibilities

Keep out of the reach of children. Keep container tightly closed. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers.

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 |
|-------------------------------------|----------------|----------------|---|-------------|--|
| 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 |
| Chemical Name | Italy | Portugal | Netherlands | Finland | Denmark |
| (R)-p-mentha-1,8-diene | | | | TWA: 25 ppm | |

| 5989-27-5 | | | | | TWA: 140 mg/m ³ STEL: 50 ppm STEL: 280 mg/m ³ | |
|---|---------|---|--------|--|---|----------------|
| Chemical Name | Austria | Switzerland | Poland | Norway | Ireland | Czech Republic |
| 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 | | |

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. Face protection shield.
Skin and body protection Suitable protective clothing. Apron. 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 | > 35 °C | |
| Flash point | >= 94 °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) | Miscible | |
| 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 (%) | 56 |

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 24.68% 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) 17,800.00 mg/kg
ATEmix (dermal) 32,258.00 mg/kg

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|------------------------|---|---------------------|-----------------|
| (R)-p-mentha-1,8-diene | = 5200 mg/kg (Rat) = 4400 mg/kg (Rat) | > 5 g/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

86% of the mixture consists of components(s) of unknown hazards to the aquatic environment

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|----------------------------------|--|--|-------------------------------------|
| Propanol, oxybis- | | 5000: 24 h Carassius auratus mg/L LC50 static | |
| 1,6-Octadien-3-ol, 3,7-dimethyl- | 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 |
| 3-Hexen-1-ol, (3Z)- | | 352 - 412: 96 h Pimephales promelas mg/L LC50 flow-through | |
| (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 | |

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

| Chemical Name | Partition coefficient |
|----------------------------------|-----------------------|
| 1,6-Octadien-3-ol, 3,7-dimethyl- | 2.84 - 3.1 |

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 |
| Environmental hazard | No |

ADR

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

ICAO (air)

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

IATA

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

Section 15: REGULATORY INFORMATION

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

| Chemical Name | French RG number | Title |
|-------------------------------------|------------------|-------|
| (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

H318 - Causes serious eye damage

H319 - Causes serious eye irritation

H226 - Flammable liquid and vapor

H304 - May be fatal if swallowed and enters airways

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

H227 - Combustible liquid

H303 - May be harmful if swallowed

H401 - Toxic 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 03-Aug-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