

SAFETY DATA SHEET
according to Regulation (EU) n° 2020/878

Date of issue: **15.11.2021**
Version n° **01**

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

1.1. Product identifier

Product name: **DREAM CARE**
Chemical type: mixture

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

Identified uses: air freshener- consumer use
Uses advised against: Any use other than the uses above identified.

1.3. Details of the supplier of the safety data sheet

Company: N&B S.r.l.
Address: Via N. Bellisario - Z.A. - 73025 Martano (LE) - ITALY
Phone: +39 0836 575042
Telefax: +39 0836 574819
E-mail: info@nbnaturalisbetter.com (competent person responsible for the safety data sheet)

1.4. Emergency telephone number

+49-(0)711-77 05 95-0 (distributor)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008. However a safety data sheet is being supplied for it upon request as it contains substances classified as skin sensitizers above limit for elicitation of 0.1%

2.2. Label elements

Hazard pictograms: none

Signal word: None

Hazard statements: None

Precautionary statements: P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.

Supplemental label elements: EUH208 Contains Peppermint, ext., Lavender, Lavandula angustifolia, ext., Orange, sweet, ext., Melissa oil, Rosemary, ext., Eucalyptus globulus, ext. May produce an allergic reaction.

2.3. Other hazards

Physical and chemical:
See SECTION 5.2.

For human health:
See SECTION 4.2.

Effects on the environment:
See SECTION 12.5 and SECTION 12.6.

SECTION 3: Composition/information on ingredients

3.2. Mixture

Constituents	CAS no	EINECS no	INDEX no	REACH registration no	CLP classification	[%]
Peppermint, ext.	84082-70-2	282-015-4	n. a.	01-2119974601-36-xxxx	Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Irrit. 2; H319 Aquatic Chronic 3; H412	-
Lavender, Lavandula angustifolia, ext.	90063-37-9	289-995-2	n. a.	n. a.	Asp. Tox. 1; H304 Skin Sens. 1B; H317 Eye Irrit. 2; H319 Aquatic Chronic 3; H412	-
Orange, sweet, ext.	8028-48-6	232-433-8	n. a.	01-2119493353-35-xxxx	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Chronic 2; H411	-
Melissa oil	8014-71-9	n. a.	n. a.	n. a.	Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Dam. 1; H318 Aquatic Chronic 3; H412	-

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Rosemary, ext.	84604-14-8	283-291-9	n. a.	n. a.	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Skin Sens. 1B; H317 Eye Irrit. 2; H319 STOT SE 2; H371 Aquatic Chronic 2; H411	-
Eucalyptus globulus, ext.	84625-32-1	283-406-2	n. a.	01-2119978250-37-xxxx	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Chronic 2; H411	-

SECTION 4: First aid measures

4.1. Description of first aid measures

General indications:	Call a POISON CENTER/doctor if you feel unwell or in case of doubt on health conditions. If medical advice is needed, have product container or label at hand.
Contact with the eyes:	Rinse cautiously with water for several minutes, holding the eyelids open. If eye irritation persists, get medical advice.
Contact with the skin:	Take off immediately all contaminated clothing. Wash with plenty of water. If skin irritation or eruption occurs, get medical advice.
Inhalation:	If you feel unwell, remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, get medical advice.
Ingestion:	Immediately call a POISON CENTER. Rinse mouth with water (only if the person is conscious). Do not induce vomiting. In case of spontaneous vomiting, keep the head low so as to prevent the vomit from entering the lungs.

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

Contact with the eyes:	May cause irritation, burning, tearing and redness.
Contact with the skin:	Prolonged contact with the skin may cause irritation and allergic reaction.
Inhalation:	May cause headache and nausea.
Ingestion:	May cause irritation of the gastrointestinal tract.

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

For indication of any immediate medical attention, see SECTION 4.1. Basic first aid and symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable:	CO2 and alcohol resistant foam.
Not suitable:	Direct water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire, carbon oxides and other hazardous combustion products can be released.

5.3. Advice for firefighters

Evacuate and isolate the area until complete fire extinction, by limiting access only to trained personnel. Firefighters must always wear appropriate protective equipment: positive pressure self-contained breathing apparatus [ref. EN 137]; fireproof clothing [ref. EN 469]; fireproof gloves [ref. EN 659]; firefighter's boots [ref. HO A29-A30]. Ensure adequate ventilation. Do not breathe fumes/gases/vapours. Avoid contact with eyes, skin and clothing. Stay upwind. Remove containers if it can be done without risk. Prevent the contaminated extinguishing agent flowing into drains or waterways.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment, and procedures in case of emergency

Ensure adequate ventilation. Remove all ignition sources, if this can be done without risk. Avoid breathing vapours. Avoid contact with eyes, skin and clothing. Wear appropriate personal protective equipment (see SECTION 8.2).

6.2. Environmental precautions

Prevent the product from leaking into the environment.

6.3. Methods and material for containment and cleaning up

Collect with mechanical tools. Dispose of in compliance with relevant legislation.

6.4. Reference to other sections

For information on personal protection, see SECTION 8.2. For information on disposal, see SECTION 13.1.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure adequate ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Take precautionary measures against static discharge.

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7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry and well ventilated place. Keep the container tightly closed. Avoid exposure to moisture and direct sunlight. Store away from heat, hot surfaces, sparks, open flames and other ignition sources. Take precautionary measures against static discharge.

7.3. Specific end use(s)

See SECTION 1.2.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

No occupational exposure limits value is available for product constituents.

8.2. Exposure controls

The use of personal protective equipment (PPEs) is mandatory if the product is handled at industrial/professional level. In such circumstances, only PPEs compliant with the standards set out in European reference standards must be worn. PPEs supplier must be consulted in all cases before making a final decision.

Skin protection:	Not needed during normal handling conditions. In case of possible contact of the skin with the product, wear protective clothing against liquid splashes [ref. EN 14605].
Hand protection:	Not needed during normal handling conditions. In case of possible contact of the hands with the product, wear chemical impervious gloves [ref. EN 374] in nitrile rubber (thickness > 0.3 mm --- breakthrough time > 480 minutes) or equivalent. The resistance of gloves material must however be tested before use, as it cannot be predictable in advance. Replace gloves immediately in case of contamination or breakage.
Eye protection:	Not needed during normal handling conditions. In case of possible contact of the eyes with the product, wear safety glasses with side shields [ref. EN 166].
Respiratory protection:	Not needed during normal handling conditions. In case of inadequate ventilation or risk of exposure to high concentrations of vapours, wear a mask with a type A filter for vapours from organic compounds [ref. EN 14387].
Technical and hygienic measures:	Provide local exhaust ventilation suction or other devices to maintain the levels of particles in the air below the recommended exposure limits. Do not eat, drink, or smoke during use. Wash hands after use. Wash periodically clothes and personal protective equipment to remove contaminants.
Environmental measures:	Operate in accordance with the provisions of the relevant legislation concerning the water protection and waste management. Prevent the product from leaking into the environment and run off into drains, surface waters and groundwater.
Thermal hazard:	Not expected under recommended conditions of use.

SECTION 9. Physical and chemical properties

The below reported data refer to the liquid component of the product.

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour	clear
Odour:	characteristic, scented
Melting point/freezing point:	< - 20 °C
Boiling point:	decomposes at ~ 125 °C [data on the main constituent (Aloe vera, ext.)]
Flammability:	not flammable
Lower and upper explosion limit:	not relevant (not flammable)
Flash point:	61 °C [ASTM D 93]
Auto-ignition temperature:	not self-igniting
Decomposition temperature:	~ 125 °C [data on the main product constituent (Aloe vera, ext.)]
pH:	4.0 - 6.0
Kinematic viscosity:	> 20.5 mm ² /s @ 40 °C [evaluation based on the % (< 10) of constituents posing an aspiration hazard]
Solubility:	partially soluble in water
Partition coefficient n-octanol/water:	not relevant for the product (mixture)
Vapour pressure:	351 Pa @ 25 °C [data on Eucalyptus globulus, ext.]
Density and/or relative density:	0.9 - 1.1 g/mL
Relative vapour density:	heavier than air
Particle characteristics:	not relevant for the product (liquid)

9.2. Other information

Not available.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is not reactive at standard conditions of temperature and pressure.

10.2. Chemical stability

The product is stable at standard conditions of temperature and pressure.

10.3. Possibility of hazardous reactions

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The possibility of hazardous reactions is not expected under recommended conditions of use and storage.

10.4. Conditions to avoid

Avoid exposure to moisture and direct sunlight. Avoid exposure to heat, hot surfaces, sparks, open flames and other ignition sources.

10.5. Incompatible materials

Not known.

10.6. Hazardous decomposition products

Not expected under recommended conditions of use and storage.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Contact with the eyes:	May cause irritation, burning, tearing and redness.
Contact with the skin:	Prolonged contact with the skin may cause irritation and allergic reaction.
Inhalation:	May cause headache and nausea.
Ingestion:	May cause irritation of the gastrointestinal tract.

a) Acute toxicity

Peppermint, ext.	LD ₅₀ oral (rat) = 2650 mg/kg LD ₅₀ dermal (rabbit) > 5000 mg/kg
Lavandula angustifolia, ext.	LD ₅₀ oral (rat) > 5000 mg/kg LD ₅₀ dermal (rabbit) > 5000 mg/kg
Orange, sweet, ext.	LD ₅₀ oral (rat) > 5000 mg/kg LD ₅₀ dermal (rabbit) > 5000 mg/kg
Melissa oil	LD ₅₀ oral (rat) > 5000 mg/kg
Rosemary, ext.	LD ₅₀ oral (rat) > 5000 mg/kg LD ₅₀ dermal (rabbit) > 8000 mg/kg
Eucalyptus globulus, ext.	LD ₅₀ oral (mouse) = 3320 mg/kg LD ₅₀ dermal (rabbit) > 5000 mg/kg
Product	Based on available data, the classification criteria are not met.

b) Skin corrosion/irritation

Peppermint, ext.	Skin (rabbit) → irritating [data on the main component]
Lavandula angustifolia, ext.	Skin (in vitro) → not irritating [read-across from silimilar compounds]
Orange, sweet, ext.	Skin (rabbit) → irritating
Melissa oil	Patch test (humans) → irritating
Rosemary, ext.	Skin (QSAR) → irritating
Eucalyptus globulus, ext.	Skin (QSAR) → irritating
Product	Based on available data, the classification criteria are not met.

c) Serious eye damage/irritation

Peppermint, ext.	Eye (rabbit) → irritating [data on the main component]
Lavandula angustifolia, ext.	Eye (in vitro) → irritating [read-across from silimilar compounds]
Orange, sweet, ext.	Eye (rabbit) → not irritating
Melissa oil	Corrosive
Rosemary, ext.	Eye (in vitro) → inconclusive Eye (QSAR) → irritating
Eucalyptus globulus, ext.	Eye (rabbit) → not irritating
Product	Based on available data, the classification criteria are not met.

d) Respiratory or skin sensitisation

Peppermint, ext.	Skin (guinea pig) → sensitising [read-across from silimilar compounds]
Lavandula angustifolia, ext.	Skin (mouse) → sensitising
Orange, sweet, ext.	Skin (mouse) → sensitising
Melissa oil	Patch test (humans) → sensitising
Rosemary, ext.	Skin (QSAR) → sensitising
Eucalyptus globulus, ext.	Skin (QSAR) → sensitising
Product	Based on available data, the classification criteria are not met.

e) Germ cell mutagenicity

Peppermint, ext.	In vitro → not mutagenic
Lavandula angustifolia, ext.	In vitro → not mutagenic
Orange, sweet, ext.	In vitro → not mutagenic
Melissa oil	In vitro → not mutagenic
Rosemary, ext.	In vitro → not mutagenic
Eucalyptus globulus, ext.	In vitro → not mutagenic

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Product	Based on available data, the classification criteria are not met.
f) Cancerogenicity	
Peppermint, ext.	No cancerogenicity effect known
Lavandula angustifolia, ext.	No cancerogenicity effect known
Orange, sweet, ext.	Animal studies → not carcinogenic
Melissa oil	No cancerogenicity effect known
Rosemary, ext.	No cancerogenicity effect known
Eucalyptus globulus, ext.	No cancerogenicity effect known
Product	Based on available data, the classification criteria are not met.
g) Reproductive toxicity	
Peppermint, ext.	Animal studies → not teratogenic [read-across from silimilar compounds]
Lavandula angustifolia, ext.	Animal studies → not reprotoxic
Orange, sweet, ext.	Animal studies → not teratogenic [read-across from silimilar compounds]
Melissa oil	No reproductive toxicity effect known
Rosemary, ext.	Animal studies → not reprotoxic
Eucalyptus globulus, ext.	Animal studies → not reprotoxic
Product	Based on available data, the classification criteria are not met.
h) STOT-single exposure	
Peppermint, ext.	No STOT effect known following single exposure
Lavandula angustifolia, ext.	No STOT effect known following single exposure
Orange, sweet, ext.	No STOT effect known following single exposure
Melissa oil	No STOT effect known following single exposure
Rosemary, ext.	Potentially toxic to the central nervous system following single exposure
Eucalyptus globulus, ext.	No STOT effect known following single exposure
Product	Based on available data, the classification criteria are not met.
i) STOT-repeated exposure	
Peppermint, ext.	Animal studies → not toxic following repeated exposure
Lavandula angustifolia, ext.	Animal studies → not toxic following repeated exposure
Orange, sweet, ext.	Animal studies → not toxic following repeated exposure [read-across from silimilar compounds]
Melissa oil	Animal studies → not toxic following repeated exposure [read-across from silimilar compounds]
Rosemary, ext.	Animal studies → not toxic following repeated exposure
Eucalyptus globulus, ext.	Animal studies → not toxic following repeated exposure
Product	Based on available data, the classification criteria are not met.
j) Aspiration hazard	
Peppermint, ext.	No aspiration hazard known
Lavandula angustifolia, ext.	Hazardous in case of aspiration
Orange, sweet, ext.	Hazardous in case of aspiration
Melissa oil	No aspiration hazard known
Rosemary, ext.	Hazardous in case of aspiration
Eucalyptus globulus, ext.	Hazardous in case of aspiration
Product	Based on available data, the classification criteria are not met.

11.2. Information on other hazards

There are no known adverse health effects caused by the endocrine disrupting properties or other hazards than those mentioned above.

SECTION 12: Ecological information

12.1. Toxicity

Peppermint, ext.	LL ₅₀ fish = 3.4 mg/l (96 h) [QSAR] EL ₅₀ daphnia magna = 2.7 mg/l (48 h) [QSAR] EL ₅₀ alga = 2.61 mg/l (96 h) [QSAR]
Lavandula angustifolia, ext.	LL ₅₀ fish = 10 - 100 mg/l (96 h) EL ₅₀ daphnia magna = 10 - 100 mg/l (48 h) EL ₅₀ alga = 10 - 100 mg/l (72 h) [QSAR]
Orange, sweet, ext.	LL ₅₀ fish = 1 - 10 mg/l (96 h) EL ₅₀ daphnia magna = 1 - 10 mg/l (48 h) EL ₅₀ alga = 1 - 10 mg/l (72 h)
Melissa oil	LL ₅₀ fish = 10.871 mg/l (96 h) [QSAR] EL ₅₀ daphnia magna = 25.245 mg/l (48 h) [QSAR] EL ₅₀ alga = 62.414 mg/l (96 h) [QSAR]
Rosemary, ext.	LL ₅₀ fish = 3.4 mg/l (96 h) [QSAR]

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	EL ₅₀ daphnia magna = 3.6 mg/l (48 h) [QSAR]
	EL ₅₀ alga = 4.4 mg/l (96 h) [QSAR]
Eucalyptus globulus, ext.	LL ₅₀ fish 10 - 100 mg/l (96 h) [based on data on main constituents]
	EL ₅₀ daphnia magna = 1 - 10 mg/l (48 h) [based on data on main constituents]
	EL ₅₀ alga = 1 - 10 mg/l (72 h) [based on data on main constituents]
Product	Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Peppermint, ext.	Readily biodegradable [read-across from silimilar compounds]
Lavandula angustifolia, ext.	Readily biodegradable
Orange, sweet, ext.	Readily biodegradable
Melissa oil	Readily biodegradable
Rosemary, ext.	Readily biodegradable
Eucalyptus globulus, ext.	Readily biodegradable

Based on the data available for its constituents, the product is expected to be readily biodegradable.

12.3. Bioaccumulative potential

Peppermint, ext.	Log BCF = 1.47 - 4.282 [QSAR]
Lavandula angustifolia, ext.	Log Kow = 4.8 [QSAR]
Orange, sweet, ext.	BCF = 361 [QSAR]
Melissa oil	No test performed
Rosemary, ext.	BCF = 53 - 45185 [QSAR]
Eucalyptus globulus, ext.	BCF = 852.9 [QSAR]

Based on the data available for its constituents, the product is not expected to be bioaccumulative.

12.4. Mobility in soil

Peppermint, ext.	No test performed
Lavandula angustifolia, ext.	No test performed
Eucalyptus globulus, ext.	No test performed
Orange, sweet, ext.	No test performed
Melissa oil	No test performed

The mobility in soil of the product is not predictable in advance, based on the data available for its constituents.

12.5. Results of PBT and vPvB assessment

Product constituents do not satisfy the criteria for PBT or vPvB classification according to Annex XIII of Regulation (EC) 1907/2006 (REACH).

12.6. Endocrine disrupting properties

There are no known adverse effects on the environment caused by endocrine disrupting properties.

12.7. Other adverse effects

There are no known further adverse effects on the environment than those mentioned above.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product:	Do not recover the product. Do not dispose of with household waste. Do not discharge into drains. The EWC code must be agreed with an authorized waste management company to which disposal must be entrusted, in compliance with relevant legislation.
Packaging:	Empty containers may contain hazardous residues and should not be treated as household waste. Contaminated containers must be reclaimed according to appropriate methods and then reused or disposed of, as appropriate, in compliance with relevant legislation.

SECTION 14: Transport information

The product is not subject to the provisions of existing legislation governing the transport of dangerous goods by road (ADR), rail (RID), sea (IMDG Code) and air (ICAO/IATA).

14.1. UN number or ID number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Not applicable.

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14.6. Special precautions for user

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory Information

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

Substances of very high concern (SVHC) (REACH, article 59):	None (in concentration > 0.1% w/w)
Substances subjected to Authorisation (REACH, Annex XIV):	None
Substances subjected to Restriction (REACH, Annex XVII):	None
Limitation applicable according to the provisions of Directive 2012/18/EU:	None

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the product.

SECTION 16: Other information

Full text of hazard statements (H) cited in SECTION 2 and SECTION 3:

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H371	May cause damage to organs.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Key references and data sources:

- ✓ Regulation (EC) 1272/2008 (CLP) (and its subsequent modifications and amendments)
- ✓ Regulation (EC) 1907/2006 (REACH) (and its subsequent modifications and amendments)
- ✓ Safety data sheet of raw materials suppliers

Advice on any training appropriate for workers:

The staff responsible for handling the product should be informed about its hazards and potential risks related to its use and be instructed on the precautions to be taken in order to avoid or limit exposure.

Acronyms:

ADR:	European agreement concerning the international carriage of dangerous goods by road
BCF:	bioconcentration factor
CAS:	chemical abstracts service
CLP:	classification labelling and packaging
EL:	effective level
EWC:	European waste catalogue
IATA:	international air transport association
ICAO:	international civil aviation organization
IMDG Code:	International Maritime Dangerous Goods Code
LD:	lethal dose
LL:	lethal level
PBT:	persistent, bioaccumulative and toxic
REACH:	registration, evaluation and authorization of chemicals
RID:	regulations concerning the international carriage of dangerous goods by rail
vPvB:	very persistent and very bioaccumulative

Notes:

The information provided in this safety data sheet is correct to the best of our knowledge at the date of its publication. The indications given are designed only as a guidance for safe handling, use, processing, storage, transportation and disposal and are not to be considered a warranty or quality specification. The user must verify their suitability and completeness, also in accordance to its particular use of the product.