

NATURALIS ESSENCE

SAFETY DATA SHEET

according to Regulation (EU) n° 2020/878

date of issue: 24.11.2023

Versions° 01

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

1.1. Product identifier

Product name: **NATURALIS ESSENCE**

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 name: N&B S.r.l.

Address: Via N. Bellisario - Z.A. - 73025 Martano (LE) - ITALY

Phone: +39 0836 575042

Fax: +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.

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 Orange, sweet, ext. May produce an allergic reaction.

2.3. Other hazards

Physical and chemical:

See SECTION 5.2.

For human health:

See SECTION 4.2. and SECTION 11.2

Effects on the environment:

See SECTION 12.5 and SECTION 12.6.

SECTION 3: Composition/information on ingredients

3.2. Mixture

Constituents	CAS no	EC no	INDEX no	REACH registration no	CLP classification	[%]
Orange, sweet, ext.	8028-48-6	232-433-8	n. a.	n. a.	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. Remove contact lenses, if present and easy to do. Continue rinsing. Call a doctor if you feel unwell.

Contact with the skin: Remove contaminated clothing immediately. 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.

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

Contact with the eyes:	No known significant effects and symptoms.
Contact with the skin:	Prolonged contact with the skin may cause irritation and allergic reaction.
Inhalation:	No known significant effects and symptoms.
Ingestion:	No known significant effects and symptoms.

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:	water spray, alcohol resistant foam, dry extinguishing powder, carbon dioxide (CO ₂).
Not suitable:	Direct water jet. (May spread fire)

5.2. Special hazards arising from the substance or mixture

In case of fire, carbon oxides and other hazardous combustion products to human health 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

For non-emergency personnel:	Alert the emergency personnel. Move away from the area affected by the accident if you are not in possession of the personal protective equipment listed in Section 8.
For emergency responders:	Remove employees insufficiently equipped to deal with the emergency. Wear suitable protective equipment (including personal protective equipment referred to under Section 8) to prevent contamination of skin, eyes and personal clothing. Stop leak if safe to do so. Ensure that employee's access to the affected area only after appropriate cleaning. Assure a correct ventilation of premises.

6.2. Environmental precautions

Prevent the product from leaking into the environment and run off into drains, surface waters and groundwater. If product has entered a water course or sewer, inform the responsible authority.

6.3. Methods and material for containment and cleaning up

Vacuum spilled product into appropriate containers. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material. Ensure adequate ventilation. Dispose contaminated material according to section 13.

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

Avoid breathing vapours. Avoid contact with eyes, skin and clothing. Do not eat, drink, or smoke during use. Wash hands after use.

7.2. Conditions for safe storage, including any incompatibilities

Keep only in the original container, tightly closed. Store in a cool, dry and well ventilated place. Keep out of reach of children. Avoid exposure to moisture and direct sunlight. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

7.3. Specific end use(s)

See SECTION 1.2.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

None known

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
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Hand protection:	against liquid splashes [ref. EN 14605]. 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:	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

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour	clear
Odour:	characteristic, scented
Melting point/freezing point:	no test performed
Boiling point:	no test performed
Flammability:	not flammable
Lower and upper explosion limit:	not relevant (not flammable)
Flash point:	> 60°C [data referring to similar products]
Auto-ignition temperature:	not self-igniting
Decomposition temperature:	no test performed
pH:	no test performed
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:	no test performed
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

No known further informations than those mentioned in section 9.1.

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

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 hazard classes as defined in Regulation (EC) No 1272/2008

a) Acute toxicity

Orange, sweet, ext.

No acute toxicity effect known

Product

Based on available data, the classification criteria are not met.

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b) Skin corrosion/irritation	
Orange, sweet, ext.	Causes skin irritation.
Product	Based on available data, the classification criteria are not met.
c) Serious eye damage/irritation	
Orange, sweet, ext.	No serious eye damage/irritation effect known
Product	Based on available data, the classification criteria are not met.
d) Respiratory or skin sensitisation	
Orange, sweet, ext.	May cause an allergic skin reaction
Product	Based on available data, the classification criteria are not met.
e) Germ cell mutagenicity	
Orange, sweet, ext.	No germ cell mutagenicity effect known
Product	Based on available data, the classification criteria are not met.
f) Cancerogenicity	
Orange, sweet, ext.	No cancerogenicity effect known
Product	Based on available data, the classification criteria are not met.
g) Reproductive toxicity	
Orange, sweet, ext.	No reproductive toxicity effect known
Product	Based on available data, the classification criteria are not met.
h) STOT-single exposure	
Orange, sweet, ext.	No STOT effect known following single exposure
Product	Based on available data, the classification criteria are not met.
i) STOT-repeated exposure	
Orange, sweet, ext.	No STOT effect known following repeated exposure
Product	Based on available data, the classification criteria are not met.
j) Aspiration hazard	
Orange, sweet, ext.	May be fatal if swallowed and enters airways
Product	Based on available data, the classification criteria are not met.
11.2. Information on other hazards	
The mixture does not contain substance(s) identified as having endocrine disrupting properties for human health in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 or included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties for human health.	
SECTION 12: Ecological information	
12.1. Toxicity	
Orange, sweet, ext.	Toxic to aquatic life with long lasting effects
Product	Based on available data, the classification criteria are not met.
12.2. Persistence and degradability	
Orange, sweet, ext.	readily biodegradable
12.3. Bioaccumulative potential	
Orange, sweet, ext.	no test performed
12.4. Mobility in soil	
Orange, sweet, ext.	no test performed
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	
The mixture does not contain substance(s) identified as having endocrine disrupting properties for environmental in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 or included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties for environmental.	
12.7. Other adverse effects	

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

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product:	Reuse or recycle products wherever possible. Dispose to an approved waste disposal plant, in accordance with local and national regulations. 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 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.

14.6. Special precautions for user

Not applicable.

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
Restrictions applicable to the product and / or constituents (REACH, Annex XVII):	Annex XVII, entry n° 3 and n° 40 for constituents
Limitation applicable according to the provisions of Directive 2012/18/EU:	None

15.2. Chemical safety assessment

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

SECTION 16: Other information

Full text of hazard statements (H) and EUH 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.
H411	Toxic to aquatic life with long lasting effects
EUH208	Contains (name of sensitising substance). May produce an allergic reaction

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
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CLP:	classification labelling and packaging
EWC:	european waste catalogue
IATA:	international air transport association
ICAO:	international civil aviation organization
IMDG Code:	International Maritime Dangerous Goods Code
Kow:	n-octanol/water partition coefficient
PBT:	persistent, bioaccumulative and toxic
REACH:	registration, evaluation and authorization of chemicals
RID:	regulations concerning the international carriage of dangerous goods by rail
STOT:	Specific target organ toxicity
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.