SAFETY DATA SHEET

NATURE'S PALETTE NATURAL DYE – ORANGE

According to Regulation (EC) No 1907/2006 (REACH), Annex II, as amended by Regulation (EU) 2020/878

NOTE: This mixture is not classified as hazardous under Regulation (EC) No 1272/2008 (CLP). An SDS is therefore not mandatory under REACH Article 31(1); this document is provided voluntarily to give users the information required by REACH Article 32 and to support safe handling and the labelling of finished candles.

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

1.1 Product identifier

Product form	Mixture
Trade name	NATURE'S PALETTE NATURAL DYE – ORANGE
Product code	ECP-NP-ORANGE
Description	Liquid colourant for wax candles, naturally derived (origin: carrot).
UFI	Not required (mixture not classified as hazardous)

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

Identified uses	Colouring agent for wax candles. For professional and craft use.
Uses advised against	Not for food, cosmetic or medicinal use. Not intended for products other than wax candles.

1.3 Details of the supplier of the safety data sheet

Company	VEGTEAM, Lda. — Eco Candle Project
Address	R. Quinta de Santa Marta, Lojas EF, 1495-171 Algés, Portugal
E-mail	info@ecocandleproject.com
Website	www.ecocandleproject.com

1.4 Emergency telephone number

Emergency number	CIAV — Poison Information Centre (INEM): +351 800 250 250 (24 h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (CLP)	Not classified. The mixture does not meet the criteria for classification under Regulation (EC) No 1272/2008.
Adverse effects	Does not present any particular risk when handled in accordance with good occupational hygiene and safety practice.

2.2 Label elements

Hazard pictograms	None
Signal word	None
Hazard statements	None
Precautionary statements	None

2.3 Other hazards

- Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII.
- Contains no substances identified as having endocrine-disrupting properties at ≥ 0.1%.
- Spills make surfaces slippery and may stain.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Liquid colourant for wax candles, naturally derived (origin: carrot).

This mixture does not contain any substances to be mentioned according to the criteria of Section 3.2 of REACH Annex II (no classified components contributing to classification, no substances with Union workplace exposure limits, no PBT/vPvB or SVHC substances).

SECTION 4: First aid measures

4.1 Description of first aid measures

General	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label or this sheet where possible).
Inhalation	Move the person to fresh air and keep comfortable for breathing. Allow to rest.
Skin contact	Remove contaminated clothing. Wash the skin with mild soap and plenty of water. If skin irritation or rash occurs, get medical advice.
Eye contact	Rinse immediately with plenty of water. Get medical attention if pain, blinking or redness persists.
Ingestion	Rinse mouth. Do NOT induce vomiting. Contact CIAV (800 250 250) or a doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Not expected to present a significant hazard under anticipated conditions of normal use.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable	Sand, water spray, dry powder, foam, carbon dioxide (CO_2).
Unsuitable	Heavy water stream.

5.2 Special hazards arising from the substance or mixture

Toxic fumes may be released in case of fire (carbon monoxide, carbon dioxide).

5.3 Advice for firefighters

Use water spray or fog to cool exposed containers. Do not enter the fire area without self-contained breathing apparatus and complete protective clothing. Prevent firefighting water from entering the environment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ventilate the spillage area. Keep unnecessary personnel away. Wear the protective equipment described in Section 8.

6.2 Environmental precautions

Avoid release to the environment. Prevent entry into drains, sewers and surface water. Notify the authorities if the liquid enters sewers or public waters.

6.3 Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. clay, diatomaceous earth, sand). Collect in a closed, labelled container and dispose of at an authorised site (Section 13).

6.4 Reference to other sections

See Sections 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Ensure good ventilation of the work area.
- Wear safety glasses and gloves; avoid unnecessary contact with skin and eyes.
- Shake well before use. Add to fully melted wax and keep the wax within the wax manufacturer's working temperatures.
- Do not eat, drink or smoke while working. Wash hands after handling.

7.2 Conditions for safe storage, including any incompatibilities

Storage	Keep only in the original, tightly closed container in a cool, well-ventilated place, away from heat, ignition sources and direct sunlight.
Storage temperature	Up to 25 °C
Incompatible materials	Strong acids, strong bases.
Packaging	Do not store in corrodible metal.

7.3 Specific end use(s)

Colouring of wax candles, typically at 0.1–0.5% of the wax weight.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No occupational exposure limits or DNEL/PNEC values have been established for this mixture or its components.

8.2 Exposure controls

Engineering controls	Ensure good ventilation of the work station.
Eye/face protection	Safety glasses or chemical goggles (EN 166).
Hand protection	Protective gloves (EN ISO 374), e.g. nitrile.
Skin/body protection	Suitable protective clothing (apron or work clothing).
Respiratory protection	Not normally required. In case of insufficient ventilation, wear a suitable mask.
Environmental exposure	Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Colour	Orange
Odour	Characteristic
Odour threshold	Not available
Melting point / freezing point	Not applicable / Not available
Boiling point	Not available
Flammability	Not flammable
Lower/upper explosion limit	Not available
Flash point	> 94 °C
Auto-ignition temperature	Not available
Decomposition temperature	Not available

pH	Not available
Kinematic viscosity	Not available
Solubility	Not available
Partition coefficient n-octanol/water	Not available
Vapour pressure	Not available
Density / relative density	Not available
Relative vapour density	Not available
Particle characteristics	Not applicable

9.2 Other information

No additional information available.

SECTION 10: Stability and reactivity

10.1 Reactivity	Non-reactive under normal conditions of use, storage and transport.
10.2 Chemical stability	Stable under the recommended storage conditions.
10.3 Possibility of hazardous reactions	None known under normal conditions of use.
10.4 Conditions to avoid	Direct sunlight; extremely high or low temperatures.
10.5 Incompatible materials	Strong acids, strong bases.
10.6 Hazardous decomposition products	Fumes, carbon monoxide, carbon dioxide (in case of fire).

SECTION 11: Toxicological information

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

Acute toxicity (oral, dermal, inhalation)	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitisation	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT — single exposure	Not classified
STOT — repeated exposure	Not classified
Aspiration hazard	Not classified

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

11.2 Information on other hazards

Endocrine-disrupting properties: none known.

SECTION 12: Ecological information

12.1 Toxicity	Not classified as hazardous to the aquatic environment (acute or long-term). Not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
12.2 Persistence and degradability	Not established.

12.3 Bioaccumulative potential	Not established.
12.4 Mobility in soil	No information available.
12.5 Results of PBT and vPvB assessment	Contains no PBT/vPvB substances ≥ 0.1%.
12.6 Endocrine-disrupting properties	None known.
12.7 Other adverse effects	Avoid release to the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of contents and container via an authorised waste operator, in accordance with Directive 2008/98/EC and national/local regulations. Do not discharge into drains or the environment. The European Waste Catalogue code (Decision 2000/532/EC) should be assigned by the waste producer according to the activity that generated the waste. Empty, clean packaging may be recycled.

SECTION 14: Transport information

Not classified as dangerous goods for transport (ADR/RID, ADN, IMDG, IATA).

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	None
14.6 Special precautions for user	None
14.7 Maritime transport in bulk (IMO instruments)	Not applicable

SECTION 15: Regulatory information

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

- Regulation (EC) No 1907/2006 (REACH), as amended by Regulation (EU) 2020/878
- Regulation (EC) No 1272/2008 (CLP)
- Contains no substances listed in REACH Annex XVII (restrictions), Annex XIV (authorisation) or on the Candidate List of SVHC.
- Contains no substances listed under the PIC (EU 649/2012), POP (EU 2019/1021), Ozone (EC 1005/2009), Explosives Precursors (EU 2019/1148) or Drug Precursors (EC 273/2004) Regulations.
- Directive 2012/18/EU (Seveso III): not applicable.
- Germany — water hazard class: WGK nwg — non-hazardous to water (AwSV, Annex 1)
- Finished candles: Regulation (EU) 2023/988 (GPSR); EN 15494 (candle safety labelling). The finished candle's CLP classification and labelling must be determined by its maker, taking into account all ingredients (wax, fragrance, dye).

15.2 Chemical safety assessment

No chemical safety assessment has been carried out for this mixture.

SECTION 16: Other information

Issue date / version	26/10/2026 · Version 1.0
Revision	First issue by VEGTEAM, Lda., prepared from the manufacturer's safety data sheet (2024) in the format of Regulation (EU) 2020/878.

Classification	In accordance with Regulation (EC) No 1272/2008, up to the 12th ATP.
Abbreviations	CLP: Classification, Labelling and Packaging · REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals · PBT/vPvB: persistent, bioaccumulative and toxic / very persistent and very bioaccumulative · SVHC: substance of very high concern · DNEL/PNEC: derived no-effect level / predicted no-effect concentration · STOT: specific target organ toxicity · WGK: German water hazard class · ATP: adaptation to technical progress · UFI: unique formula identifier

The information in this sheet is based on our present knowledge and on the manufacturer's data, and describes the product with regard to safety requirements only. It does not constitute a guarantee of product properties or a specification. Where the dye is used as a component in another product (e.g. a scented candle), this sheet may not be applicable to that product. Users are responsible for determining suitability for their purpose and for complying with applicable legislation.