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| --- | --- |
| 1. **Identification of the substance/mixture and of the company/undertaking** | |
| * 1. **Product identifiers** | |
| Product name | 1% Blood Orange Lotion |
| Product code | L/BL |
| Quantity | 10ml – 1L |
| Process | Prepared under ISO 22716:2007 Standards |
| Customs number | 3304.9900 |
| Brand | Breathe Life Sciences Ltd. |
| REACH No. | A registration number for this substance is not available as the substance or its use is excluded from registration, the annual tonnage does not require registration, or registration is foreseen for a later date. |
| * 1. **Relevant identified uses of the substance or mixture and uses advised against** | |
| **Identified uses:** Cosmetic products for commercial usage. Please note, certain usage might not be legal in your country. | |
| * 1. **Details of the supplier providing the Safety Data Sheet** | |
| Breathe Life Sciences Ltd.  Grand Union Studios,  332 Ladbroke Grove,  London,  England,  W10 5AD | |
| * 1. **Emergency number** | |
| 111 (NHS Direct)  999 (UK) | |
| 1. **Potential hazards** | |
| * 1. **Classification of the substance or mixture** | |
| No dangerous substance or mixture according to Regulation (EC) No. 1272/2008.  This substance is not classified as dangerous according to Directive 67/548/EEC. | |
| * 1. **Label contents** | |
| In respect to the required labelling this product is not approved according to EC directives or the respective national laws  The labelling is in accordance with the cosmetic regulation 1223/2009. | |
| * 1. **Other hazards** | |
| Based on the available data, the product does not contain components considered to be PBT (bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative) in percentages equal to or greater than 0.1% or higher. | |

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| 1. **Substances/mixture of substances** | | | | | | |
| **Compound** | **Mass Fraction** | **CAS No.** | **Hazard Level** | **Chemical Formula** | **Molecular Weight** | **Synonyms** |
| **Aqua** | N/A | 7732-18-5 | None | H20 | 18 g/mol | Water |
| **Phenoxyethanol** | 0.9% | 122-99-6 | V/29 1% MAX | C8H10O2 | 138.16 g/mol | 2-Phenoxyethyl  Phenoxytol alcohol  Phenoxytol  Phenyl cellosolve  Phenylglycol  Phenylmonoglycol ether |
| **Panthenol** | 0.5% | 24634-61-5 | V/4 0.6% MAX (as acid) | C9H19NO4 | 150.22 g/mol | Butanamide (r)-(+)-2,4-Dihydroxy-N-(3-hydroxypropyl)-3,3-dimethylbutyamide D-Pantothenyl alcohol Dexpanthenol Provitamin B |
| **Potassium Sorbate** | 0.2% | 24634-61-5 / 590-00-1 | V/4 0.6% MAX (as acid) | C6H802 | 150.22 g/mol | Potassium (E,E)-hexa-2,4-dienoate Sorbic acide potassium salt |
| **Prunus Amygdalus Dulcis oil** | N/A | 8007-69-0 / 90320-37-9 | None | - | - | Almond oil from Prunus dulcis, Almond oil, sweet amygdalae oleum; Expressed almond oil |
| **Helianthus Annus seed oil** | N/A | 8001-21-6 | None | - | - | The oil expressed from the seeds of the sunflower, Helianthus annuus L., Compositae |
| **Cetearyl alcohol** | N/A | 67762-27-0 | None | C34H7202 | 512.94 g/mol | Cetostearyl alcohol, Cetylstearyl alcohol |
| **C15-19 Alkane** | N/A | 64741-76-0 / 64742-46-7 | None | Mixture of alkanes, chain length C15-19 | - | - |
| **Glyceryl Stearate** | N/A | 31566-31-1 | None | C21H42O4 | 358.57 g/mol | 2,3-dihydroxyprpyl octadecanoate |
| **Cannabidiol – Derived from natural sources (CBD)** | 1% | 13956-29-1 / 689-176-3 | Acute Toxic, H302  Aquatic Chronic, H413 | 2-[(1R,6R)-3-methyl-6-prop-1-en-2-ylcyclohex-2-en-1-yl]-5-pentylbenzene-1,3-diol  C21H30O | 314.47 g/mol | CBD |
| **PEG-100 Stearate** | N/A | 9004-99-3 | None | C34H70O9 | 622.91 g/mol | Polyethylene glycol 100 stearate |
| **Citric acid** | N/A | 77-92-9 | None | C6H8O7 | 192.12 g/mol | 2-hydroxypropane-1,2,3-tricarboxylic acid Citric acid, potassium salt |
| **Ethylhexylglycerin** | N/A | 70445-33-9 | None | C11H24O3 | 204.31g/mol | 3-[2-(Ethylhexyl)oxyl]-1,2-propandiol Ethylhexylglycerin Octoxyglycerin |
| **Sodium Carbomer** | N/A | 73298-57-4 | None | - | - | 2-Propenoic acide, polymer with 2, 2-bis(hydroxymethyl)propane-1,3-diol 2-propenyl ether, sodium salts |
| **Citrus Aurantium Dulcis (Orange) Peel Oil** | N/A | 8008-57-9 | None | - | - | Orange essential oil |
| **Limonene** | N/A | 5989-27-5 | Allergen | C10H16 | 136.23 | (+)-p-Mentha-1,8-diene,(+)-Carvene,(R)-4-Isopropenyl-1-methyl-1-cyclohexene |
| **Linalool** | N/A | 78-70-6 | Allergen | (CH3)2C=CHCH2CH2C(CH3)=CH=CH2 | 154.25 | (+)-3,7-Dimethyl-1,6-octadien-3-ol,(+)-3,7-Dimethyl-3-hydroxy-1,6-octadiene |
| **Citral** | N/A | 5392-40-5 | Allergen | (CH3)2C=CHCH2CH2C(CH3)=CHCHO | 154.25 | 3,7-Dimethyl-2,6-octadienal |
| **Geraniol** | N/A | 106-24-1 | Allergen | (CH3)2C=CHCH2CH2C(CH3)=CHCH20H | 154.25 | Trans-3,7-Dimethyl-2,6-octadien-1-ol |
| **Citronellol** | N/A | 106-22-9 | Allergen | C10H14O | 150.22 | 2-methyl-5-(prop-1-en-2-yl)cyclohex-2-enone 1-Carvone |
| This product contains non-hazardous goods according neither to (EG) 1272/2008 nor to SVHC. In accordance to the relevant legislation, no further compounds need to be looked for nor notified. Notwithstanding, the THC content has been measured. This product does not contain △9-THC at <0.005% according to standardised HPLC measurement. This value represents the LOD of the used method. II/306 = Cannabidiol (CBD) as such, irrespective of its source, is not listed in the Schedules of the 1961 Single Convention on Narcotic Drugs. However, it shall be prohibited from use in cosmetic products (II/306), if it is prepared as an extract or tincture or resin of Cannabis in accordance with the Single Convention. Please note that national legislations on controlled substances may also apply. | | | | | | |

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| 1. **First aid measures** | | | |
| * 1. **Description of first aid measures** | | | |
| **After Inhalation:** If inhaled, move affected person to fresh air. In case of respiratory arrest, use artificial respiration.  **After Skin Contact:** If irritation occurs, wash off with soap and plenty of water.  **After Eye Contact:** Rinse eyes with water as a precaution.  **After Swallowing:** Never imbibe anything through the mouth of an unconscious person. Rinse mouth with water. | | | |
| * 1. **Most important acute or delayed symptoms and effects** | | | |
| No known side effects or symptoms are expected from usage of this product. | | | |
| * 1. **Information about immediate medical assistance or special treatment** | | | |
| No data available. | | | |
| 1. **Firefighting measures** | | | |
| * 1. **Extinguishing agents** | | | |
| Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry extinguishing agent or carbon dioxide. | | | |
| * 1. **Special hazards arising from substance or mixture** | | | |
| Carbon oxides and nitrogen oxides. | | | |
| * 1. **Instructions for firefighting** | | | |
| In case of fire, wear self-contained breathing apparatus if necessary. | | | |
| * 1. **Further information** | | | |
| No data available. | | | |
| 1. **Accidental release measures** | | | |
| * 1. **Personal precautions, protective equipment, and emergency procedures** | | | |
| Do not inhale vapours/mist/gas.  See section 8 for personal protective equipment. | | | |
| * 1. **Environmental precautions** | | | |
| Do not empty into drains. | | | |
| * 1. **Methods and materials for retention and cleaning** | | | |
| For disposal, place in suitable and closed containers. | | | |
| * 1. **Reference to other sections** | | | |
| Disposal: see section 13. | | | |
| 1. **Handling and storage** | | | |
| * 1. **Protective measures for safe handing** | | | |
| Information on protective measures can be found in section 2.2. | | | |
| * 1. **Conditions for safe storage under consideration of incompatibilities** | | | |
| Store in a cool, dry place. Keep container tightly closed in a dry, well-ventilated place. Close opened containers carefully and store upright to prevent any leakage. Stable for three years in recommended storage temperature: 4 - 25 °C but not above, use within twelve months of opening. | | | |
| * 1. **Specific end uses** | | | |
| No specific uses other than those mentioned in section 1.2 are foreseen. | | | |
| 1. Exposure controls/personal protective equipment | | | |
| * 1. **Parameters to be monitored** | | | |
| Components with work centre-related limit values that are to be monitored: Contains no substances with occupational exposure limit values. | | | |
| * 1. **Limitation and monitoring of exposure** | | | |
| Suitable technical control equipment | General industrial hygiene measures | | |
| Personal protective equipment | Do not drink or eat while working with this product. Wash hands before and after your working breaks | | |
| Eye/face protection | For eye protection only use equipment that has been tested and approved according to official standards such as NIOSH (US) or EN 166 EN) | | |
| Skin protection | In case of long and repeated working hours with this compounds use adequate gloves | | |
| Body protection | Impermeable protective clothing: Laboratory coat | | |
| Respiratory protection | No respiratory protection necessary | | |
| Environmental exposure monitoring | Do not empty into drains | | |
| 1. Physical and chemical properties | | | |
| * 1. **Information on basic physical and chemical properties** | | | |
| Appearance | | Shape: somewhat viscous liquids  Colour: opaque, white | |
| Odour | | Aromatic, fragrant | |
| Odour threshold | | No data available | |
| pH | | 5.0 – 5.5 | |
| Melting point/freezing point | | No data available | |
| Initial boiling point and range | | >100 0°C | |
| Flash point | | No data available | |
| Evaporation rate | | No data available | |
| Flammability (solid, gaseous) | | No data available | |
| Upper/lower ignition or explosion limits | | No data available | |
| Vapour pressure | | No data available | |
| Relative density | | 1.0 g /mL (25°C) | |
| Water solubility | | Very poorly soluble | |
| Distribution coefficient n-octanol/water | | No data available | |
| Self-ignition temperature | | No data available | |
| Decomposition temperature | | 34 – 36,000cps (TC/S) | |
| Viscosity | | No data available | |
| Explosive properties | | No data available | |
| Oxidizing properties | | No data available | |
| * + 1. **Information with regards to physical hazard classes** | | | |
| No data available. | | | |
| * + 1. **Other safety characteristics** | | | |
| N/A | | | |
| 1. Stability and reactivity | | | |
| * 1. **Reactivity** | | | |
| No data available. | | | |
| * 1. **Chemical stability** | | | |
| Stable under specified storage conditions. | | | |
| * 1. **Possibility of dangerous reactions** | | | |
| No data available. | | | |
| * 1. **Conditions to avoid** | | | |
| No data available. | | | |
| * 1. **Incompatible materials** | | | |
| Strong oxidizing agents, strong acids, strong alkaline solutions. | | | |
| * 1. **Hazardous decomposition products** | | | |
| Other decomposition products – No data available. In case of fire: see chapter 5. | | | |
| 1. Toxicological information | | | |
| * 1. **Information on toxicological effects** | | | |
| Acute toxicity | | No data available | |
| Etchant/irritant effect on skin | | No data available | |
| Severe eye damage/irritation | | No data available | |
| Sensitisation of the respiratory tract/skin | | No data available | |
| Germ cell mutagenicity | | No data available | |
| Carcinogenicity | | No data available | |
| Reproductive toxicity | | No data available | |
| Specific target organ toxicity – single exposure | | No data available | |
| Specific target organ toxicity – repeated exposure | | No data available | |
| Danger of aspiration | | No data available | |
| Addition information | | No data available | |
| To the best of our knowledge the chemical, physical and toxicological properties of this natural substance/mixture have not been fully investigated. | | | |
| * + 1. **Endocrine disrupting properties** | | | |
| No data available. | | | |
| * + 1. **Information on other hazards** | | | |
| N/A | | | |
| 1. Environmental information | | | |
| * 1. **Toxicity** | | | |
| No data available. | | | |
| * 1. **Persistence and degradability** | | | |
| No data available. | | | |
| * 1. **Bioaccumulation potential** | | | |
| No data available. | | | |
| * 1. **Mobility in the ground** | | | |
| No data available. | | | |
| * 1. **Results of the PBT and PvB assessment** | | | |
| PBT: No.  vPvB: No. | | | |
| * 1. **Other adverse effects** | | | |
| No data available. | | | |
| 1. Disposal information | | | |
| * 1. **Procedures for waste treatment** | | | |
| According to the EU wate disposal system AAV 2000/532/EG: Code 07 06 99. Production waste, preparation, usage of fat, lubricants, soaps, washing, disinfection and body care product. | | | |
| * 1. **Recommendation** | | | |
| Dispose of the container and any remaining product according to local governmental regulations. | | | |
| 1. Transport information | | | |
| * 1. **UN Number** | | | |
| ADR/RID | | | No data available |
| IMDG | | | No data available |
| IATA | | | No data available |
| * 1. **Proper UN shipping name** | | | |
| ADR/RID | | | Not dangerous goods |
| IMDG | | | Not dangerous goods |
| IATA | | | Not dangerous goods |
| * 1. **Transport and hazard classes** | | | |
| ADR/RID | | | No data available |
| IMDG | | | No data available |
| IATA | | | No data available |
| * 1. **Packaging group** | | | |
| ADR/RID | | | No data available |
| IMDG | | | No data available |
| IATA | | | No data available |
| * 1. **Environmental hazards** | | | |
| ADR/RID | | | No |
| IMDG Marine Pollutant | | | No |
| IATA | | | No |
| * 1. **Maritime transport in bulk according to IMO instruments** | | | |
| No data available. | | | |
| 1. Legislation | | | |
| This safety data sheet fulfils the requirements of Regulation (EC) No. 1907/2006. | | | |
| * 1. **Safety, health and environment protection/legislation specific to the substance or mixture** | | | |
| Comment on the VOC regulations:  0.0%-wt VOC, according to guideline 1999/13/EG regarding the limitation of the emissions of volatile organic compounds. | | | |
| * 1. **Chemical safety assessment** | | | |
| No chemical safety assessment has been performed for this product. | | | |
| 1. Other information | | | |
| None. | | | |

**Further Information**

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