





## NEROLI OIL

Section 1		Identification of the Substance/Mixture and of Company	
<b>1.1 Product Identifier:</b>	Neroli oil		
<b>Other Names:</b>	Orange, sour, ext., Bitter Orange CP, Citrus aurantium oil		
<b>INCI Name:</b>	Citrus Aurantium Amara Flower Oil		
<b>EC number:</b>	277-143-2		
<b>CAS number:</b>	8016-38-4 / 72968-50-4		
<b>REACH Registration number:</b>	Not registered – imports not expected to exceed one tone per annum		
<b>1.2 Identified Uses:</b>	<b>Industrial use:</b> washing, cleaning and disinfecting products; detergents and maintenance products; metal surface treatment products <b>Professional use:</b> washing, cleaning and disinfecting products; detergents and maintenance products; polishes and wax blends <b>Consumer use:</b> washing and cleaning products; polishes and wax blends; cosmetics; biocides; air care products; tobacco products		
<b>1.3 Supplier name:</b>	Khush Ingredients Ltd Unit 14, Oakfield Industrial Estate, Eynsham, Oxon, OX29 4TH UK E: <a href="mailto:office@khushing.com">office@khushing.com</a> ; T: +44 (0) 1993 882883		
<b>1.4 Emergency Telephone Number:</b>	T: 01993 882883 (UK) 9-5pm, email <a href="mailto:office@khushing.com">office@khushing.com</a> (cover 6am to 11pm) otherwise contact emergency services and show this datasheet.		
Section 2		Hazards Identification	
<b>2.1 Classification according to Regulation (EC) No 1272/2008 [CLP]</b>	Flam. Liq. 3 – H226 Asp. Tox. 1 – H304 Skin Irrit. 2 – H315 Skin Sens. 1 – H317 Aquatic Chronic 2 – H411		
<b>2.2 Label Elements Labelling according to Regulation (EC) No 1272/2008 [CLP]</b>	   		
<b>Hazard pictograms</b>	GHS02	GHS07	GHS08
<b>Signal Word</b>	<b>DANGER</b>		
<b>Hazard statements</b>	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		
<b>Precautionary Statements (Prevention)</b>	P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233: Keep container tightly closed P240: Ground/bond container and receiving equipment. P241: Use explosion-proof equipment. P242: Use only non-sparking tools.		

<b>Precautionary Statements (Response)</b>	<p>P243: Take precautionary measures against static discharge.</p> <p>P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.</p> <p>P262: Do not get in eyes, on skin, or on clothing</p> <p>P264: Wash skin thoroughly after handling</p> <p>P273: Avoid release to the environment</p> <p>P280: Wear protective gloves/clothing/eye-protection/face protection</p> <p>P301 + P310: IF SWALLOWED: Immediately call a poison centre or doctor</p> <p>P331: do NOT induce vomiting</p> <p>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].</p> <p>P332+P313: IF SKIN irritation occurs: Get medical advice/attention.</p> <p>P363: Wash contaminated clothing before reuse.</p> <p>P391: Collect spillage</p>
<b>Precautionary Statements (Storage)</b>	<p>P403+P235: Store in a well-ventilated place. Keep cool</p> <p>P405: Store locked up</p>
<b>Precautionary Statements (Disposal)</b>	<p>P501: Dispose of contents/container in accordance with local/regional/national /international regulations. Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.</p>
<b>2.3 Other Hazards</b>	<p>All essential oils are highly concentrated so have strong aromas and colour that can stain.</p> <p>Neroli oil contains over 11% Hydrocarbons (&gt;30%). Emergency treatment for those who accidentally swallow oils in this category is to seek medical attention immediately and transport sitting in a half-upright position.</p> <p>Substance is not identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100</p> <p>Substance does not meet the criteria for vPvB and PBT according to Regulation (EC) No 1907/2006, Annex XIII</p>

## Section 3

## Composition/Information On Ingredients


<b>3.1 Chemical identity of the substance:</b>	Orange, sour, ext.,
<b>Common names(s), synonym(s):</b>	Neroli oil, Orange flower oil, Orange blossom oil
<b>3.2 Mixture / Natural Complex Substance (NCS)</b>	This is a natural complex substance (NCS). The substance has a natural variability in its composition. It is obtained by steam distillation of the flowers of Citrus aurantium.
<b>Chemical Identity of ingredients:</b>	<p><b>Classification according to COMMISSION REGULATION (EU) 2017/542 of 22 March 2017 amending Regulation (EC) No 1272/2008</b></p> <p>Major components of this natural complex substance are:</p> <p>26 to 55% <b>Linalool</b> – CAS 78-70-6, EC 201-134-4: Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Irrit. 2, H319</p> <p>3 to 20% <b>Linalyl acetate</b> – CAS 115-95-7, EC 204-116-4: Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Irrit. 2, H319</p> <p>7 to 17% <b>Limonene</b> – CAS 5989-27-5, EC 227-813-5: Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410</p>

	<p>3 to 9% <b>(E)-<math>\beta</math>-Ocimene</b> – CAS 3779-61-1, EC 223-241-5: Flam. Liq. 3, H226; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 (other: respiratory); Aquatic Acute 1, H400; Aquatic Chronic 2, H411</p> <p>2 to 8% <b><math>\alpha</math>-Terpineol</b> – CAS 98-55-5, EC 202-680-6: Skin Irrit. 2, H315; Eye Irrit. 2, H319</p> <p>tr to 7% <b>Neryl acetate</b> – CAS 141-12-8; EC 205-459-2: Skin Sens. 1B, H317</p> <p>1 to 5% <b>Geranyl acetate</b> – CAS 105-87-3, EC 203-341-5: Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 3, H412</p> <p>0.5 to 5% <b>Nerolidol</b> – CAS 7212-44-4, EC 230-597-5: Skin Sens. 1B, H317; Eye Irrit. 2, H319; Aquatic Acute 1, H400; Aquatic Chronic 1, H410</p> <p>1 to 4% <b><math>\beta</math>-Myrcene</b> - CAS 123-35-3, EC 204-622-5: Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Irrit. 2, H319; Aquatic Acute 1, H400; Aquatic Chronic 2, H411</p> <p>0.5 to 4% <b>Farnesol</b> – CAS 4602-84-0, EC 225-004-1: Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410</p> <p>tr to 3% <b>Sabinene</b> – CAS 3387-41-5, EC 222-212-4: Acute Tox. 4, H302</p> <p>tr to 2% <b><math>\alpha</math>-Pinene</b> – CAS 80-56-8, EC 201-291-9: Flam. Liq. 3, H226; Acute Tox 4, H302; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410</p>
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<b>Section 4</b>	<b>First Aid Measures</b>
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<b>4.1 Description of first aid measures</b>	<b>4.1.1 General:</b>	If health disorder happens, call for medical help immediately. Immediately remove any clothing soiled by the product.
	<b>4.1.2 Swallowed:</b>	Do not induce vomiting; call for medical help immediately.
	<b>4.1.3 Eye Contact:</b>	Rinse opened eye for several minutes under running water.
	<b>4.1.4 Skin Contact:</b>	Immediately wash with water and soap and rinse thoroughly.
	<b>4.1.5 Inhalation:</b>	Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stabyl in side position for transportation.
	<b>4.1.6 Self Protection of First Aider</b>	Use personal protective equipment as described in section 8 if substance is present. No additional measures stated (REACH dossier)
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	None stated	
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	No specific first aid measures noted	

Section 5	
<b>Fire Fighting Measures</b>	
<b>5.1 Extinguishing media</b>	<p><b>Suitable extinguishing media:</b> water spray, carbon dioxide, dry chemical powder or appropriate / alcohol-free foam.</p> <p><b>Unsuitable extinguishing media:</b> full water jet</p>
<b>5.2 Special hazards arising from the substance or mixture</b>	<p><b>Hazardous combustion products:</b> May produce fumes of carbon monoxide and carbon dioxide, smoke and soot.</p>
<b>5.3 Advice for Firefighters</b>	<p>Avoid inhalation of smoke and fumes. Wear appropriate protective equipment and, in case of insufficient ventilation, self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Fire debris must be disposed of in accordance with official regulations.</p>
<b>5.4 Emergency Action Code</b>	3[Y] (Foam + BA & Fire Kit)
Section 6	
<b>Accidental Release Measures</b>	
<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	<p><b>6.1.1 For non-emergency personnel:</b> Follow safety measures as mentioned in sections "handling and storage" and "exposure controls/personal protection". Wear protective equipment. Keep unprotected persons away. Avoid formation and/or breathing of saturated vapour / aerosol / mist. Ensure adequate ventilation and keep unprotected persons away.</p> <p><b>6.1.2 For emergency responders:</b> As per non-emergency personnel. Wear an appropriate NIOSH/MSHA approved respirator if mist, vapour or aerosol is generated.</p>
<b>6.2 Environmental Precautions</b>	<p>Do not allow material to be released to the environment (soil / surface- or ground water / drains / sewers). Inform respective authorities in case of seepage into water course or sewage system.</p>
<b>6.3 Methods and material for containment and clean up</b>	<p>Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Small spillages may be absorbed and wiped up using suitable inert, absorbant material (cloth, pulp, diatomite, acid binders, universal binders, sawdust etc). Gross spillages should first be contained by a dike of sand or inert powder and then picked up / vacuumed using inert, absorbant material as previous and disposed of according to the local regulations. Pick up and arrange disposal without creating mist / aerosol / excessive vapours. Keep in upright, suitable, closed containers for disposal.</p>
<b>6.4 Reference to other sections</b>	<p>Take Hazard and Precautionary phrases (section 2) and sections 7, 8 and 13 into account</p>
Section 7	
<b>Handling and Storage</b>	
<b>7.1 Precautions for safe handling</b>	<p><b>7.1.1 Protective measures:</b> Avoid formation of mist and aerosols. Provide appropriate exhaust ventilation at places where mist / aerosols / excessive vapours are formed. Normal measures for preventive fire protection. Provide earthing of containers, equipment, pumps and ventilation facilities. Take precautionary measures against static discharges. Moistened solids (eg cloth, pulp, filter panel, binder) should to be stored hermetically sealed and/or watered prior to proper disposal.</p> <p><b>7.1.2 Advice on general occupational hygiene:</b> Wear appropriate protective clothing. Do not eat, drink or smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.</p>

<b>7.2 Conditions for safe storage, including any incompatibilities</b>	<p><b>Storage:</b> Keep container tightly closed in a cool, dry and well-ventilated place. Store only in unopened original receptacles. Provide solvent resistant, sealed floor. Store away from oxidizing agents and sources of ignition.          Storage class: 3 Classification according to Betriebssicherheitsverordnung (BetrSichV): Flammable liquid  <b>Packaging:</b> Refer to section 16 for safe packaging information  <b>Incompatibilities:</b> Refer to section 10</p>	
<b>7.3 Specific end use(s)</b>	<p><b>Recommendations:</b> None specified (as per REACH dossier)</p>	
<b>Section 8</b>	<b>Exposure Controls/Personal protection</b>	
<b>8.1 Control parameters</b>	<p><b>8.1.1 Occupational exposure limits:</b> Not available.  <b>8.1.2 Additional exposure limits under the conditions of use:</b> Not available.  <b>8.1.3 DNEL/DMEL and PNEC-Values:</b> Not available.</p>	
<b>8.2 Exposure controls</b>		
<b>8.2.1 Engineering controls:</b>	<p>Provide adequate ventilation according to the conditions of use to keep airborne concentrations low. Handle and store in accordance with good industrial hygiene and safety practices.          Ingredients with limit values that require monitoring at the workplace: CAS 5989-27-5, (R)-p-mentha-1,8-diene</p>	
<b>8.2.2 Personal protection equipment:</b>	<b>General:</b>	<p>It is recommended that facilities storing or utilising this material should be equipped with an eyewash facility and a safety shower. Wear appropriate PPE according to Directive 89/686/EEC. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, using the bathroom and/or smoking. When using, do not eat, drink or smoke. Routinely wash work clothing and protective equipment to remove contaminants.</p>
	<b>Eye/face:</b>	<p>Use tightly sealed goggles according to EN 166:2001</p>
	<b>Skin:</b>	<p><b>Hand:</b>          Preventive skin protection by use of skin-protection agents is recommended. Chemical-resistant, impervious gloves complying with an approved standard (EN374) should be worn if handling substance. The quality of the protective gloves resistant to chemicals and the breakthrough time must be chosen as a function of the specific working place concentration and quantity of hazardous substances and length of time of exposure. Gloves should be replaced regularly and if there is any indication of degradation or chemical breakthrough.  <b>Material of gloves:</b> The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has to be checked prior to the application.</p>

	<p>Penetration time of glove material: &gt;480 minutes at layer thickness of 0.425 mm (Sol-Vex (37-695) from Ansell).</p> <p>For the permanent contact gloves made of the following materials are suitable: Nitrile rubber, NBR (e.g. following product: Sol-Vex (37-695) from Ansell. As protection from splashes gloves made of the following materials are suitable: PVC gloves.</p> <p><b>Other:</b>          Avoid skin contact. Wear suitable protective clothing.          Suitable type of protective clothing: In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.          In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact. Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.</p>
<b>Respiratory:</b>	<p>Respiratory protection may be required if excessive airborne contamination occurs. Suitable respiratory protection: filter class A2 (brown colour). Use the rules for application of respiratory protection systems.</p>

### 8.2.3 Environmental exposure control:

Avoid discharge into the environment. Refer to additional information provided in Sections 6 and 7 regarding safe handling and storage to prevent exposure to individuals and/or to the environment. Refer to official regulations (local, Federal, government).

## Section 9

### Physical and Chemical Properties

#### 9.1 Information on basic physical and chemical properties

**Physical state:** clear, mobile liquid

**Colour:** pale yellow to yellow

**Odour:** fresh, citric, floral, sour

**Relative Density (Specific Gravity) @ 20°C:** 0.870 to 0.880

**Refractive Index @ 20°C:** 1.465 to 1.472

**Optical Rotation @ 20°C:** +2° to +11°

**Solubility @ 25°C:** range of solubilities for components = 17.8 - 1 101 mg/L

**Boiling Point @101 325 Pa:** boiling commences at 152°C

**Vapour Pressure @ 25°C:** 209.1

**Freezing Point @101 325 Pa:** < - 20°C

**Flash Point:** 49°C (REACH value - Pensky Martens Closed Cup method)

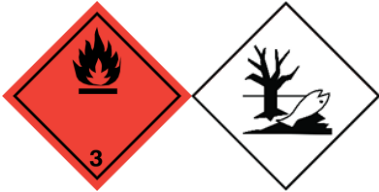
**Flammability:** the study does not need to be conducted because the substance is a liquid that is known to be stable in contact with air and water at room temperature for prolonged periods of time (days) and it does not contain metals or metalloids; the classification procedure does not need to be applied

**Explosiveness:** the study does not need to be conducted because there are no chemical groups present in the molecule which are associated with explosive properties

	<p><b>Auto-ignition temperature</b> @101 325 Pa: 235°C (read-across temperatures from orange and lime oil)</p> <p><b>Kinematic viscosity:</b> no data available (REACH dossier)</p> <p><b>Partition Coefficient n-octanol/water (log value):</b> LogKow range of constituents = 3.38 - 4.88. The percentage of constituents with LogKow &gt; 4 = 89.5%</p> <p><b>Relative Vapour Density:</b> no data available (REACH dossier)</p>	
<b>9.2 Other Information:</b>	<b>9.2.1 Information with regard to physical hazard classes:</b>	Categories not relevant for the safe use of this substance
	<b>9.2.2 Other safety characteristics:</b>	Categories not relevant for the safe use of this substance
<b>Section 10 Stability and reactivity</b>		
<b>10.1 Reactivity</b>	Product is not reactive when used under normal conditions	
<b>10.2 Chemical Stability</b>	Product is stable under normal conditions of use. Heating causes vaporisation and formation of ignitable atmosphere is possible.	
<b>10.3 Possibility of hazardous reactions</b>	Formation of explosive gas mixture with air possible. In case of unpropitious storing conditions (air admission, heat accumulation) self-ignition is possible for moistened solids (e.g. cloth, pulp, filter panel, binder).	
<b>10.4 Conditions to avoid</b>	Keep away from heat or flame. Use only in a well-ventilated area.	
<b>10.5 Incompatible materials</b>	Oxidising Agents, strong acids, strong alkalis	
<b>10.6 Hazardous decomposition products</b>	No dangerous decomposition products expected by intended use.	
<b>Section 11 Toxicological Information (Historical data – we do not carry out animal testing)</b>		
<b>11.1 Information on toxicological effects</b>	<p><b>Acute toxicity, oral:</b> GHS criteria not met. Not classified for oral toxicity. Rat 14d-LD50 &gt;5000mg/kg bw</p> <p><b>Acute toxicity, inhalation:</b> No studies available (REACH dossier)</p> <p><b>Acute toxicity, dermal:</b> GHS criteria not met. Not classified for dermal toxicity. Rabbit 48h-LD50 = &gt;8.5 g/k</p> <p><b>Eye irritation:</b> GHS criteria not met. Not classified as irritating to eyes. Rabbit, in vivo Draize test – read-across study with lemon oil</p> <p><b>Skin Irritation:</b> Classified as Skin Irritant (Cat. 2) although results remain inconclusive. Rabbits - read-across studies with lemon, lime and grapefruit oils. No guideline followed (REACH dossier)</p> <p><b>Skin Sensitivity:</b> Classified as Skin Sensitiser (Cat 1). Mouse - OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay). A Human Maximization Test, however, did not induce contact sensitization.</p> <p><b>Mutagenicity/Carcinogenicity:</b> GHS criteria not met. Not classified for mutagenicity/carcinogenicity. <i>Salmonella typhimurium</i> and <i>Escherichia coli</i> - Ames Test, OECD Guideline 471</p> <p><b>Fertility/Reproduction:</b> No studies available (REACH dossier)</p>	

	<p><b>STOT-single exposure:</b> data conclusive but not sufficient for classification, data lacking (ECHA C&amp;L)</p> <p><b>STOT-repeated exposure:</b> data conclusive but not sufficient for classification, data lacking (ECHA C&amp;L)</p> <p><b>Aspiration hazard:</b> Classified Asp. Tox. 1 – may cause lung damage if liquid enters airways (due to low viscosity of hydrocarbon content)</p>
<b>11.2 Information on other hazard classes which relates to endocrine disrupting properties</b>	No information on other hazard classes specified
<b>Section 12</b>	<b>Ecological Information</b>
<b>12.1 Toxicity</b>	<p><i>Classified Aquatic Chronic 2, H411. Toxic to aquatic life with long lasting effects</i></p> <p><b>Fish:</b> No studies available (REACH dossier)</p> <p><b>Algae:</b> Species not specified - 72h-EL50 and EL10 read-across from Lime oil = 8.0 and 5.1 mg/L respectively (Loading rates, WAF study)</p> <p><b>Aquatic invertebrates:</b> <i>Daphnia</i> - 48h-EL50 read-across from Orange Oil = 1.1 mg/L (Loading rate, WAF study)</p> <p><b>Microorganisms:</b> No studies available (REACH dossier)</p> <p><b>Terrestrial arthropods:</b> No studies available (REACH dossier)</p>
<b>12.2 Persistence and degradability</b>	Considered as a readily biodegradable substance. The water solubility ranges from 18 to to 1100 mg/l for the constituents.
<b>12.3 Bioaccumulative potential</b>	The log Kow of the constituents ranges from 3.38 to 4.88. No specific data available but not thought to be bioaccumulative.
<b>12.4 Mobility in soil</b>	With log Kow 4.38, limonene represents the group with a relatively high log Kow (Koc of limonene estimated at 2413). Most constituents may have a tendency to sorb to organic matter.
<b>12.5 Results of PBT and vPvB assessment</b>	PBT assessment does not apply (LR dossier 1 -10 tonne)
<b>12.6 Endocrine disrupting properties</b>	Neroli oil is not on the ED-list ( <a href="https://edlists.org/the-ed-lists">https://edlists.org/the-ed-lists</a> ) of endocrine disruptors meaning that it is not a substance identified as an endocrine disruptor at EU level (List I), a substance under evaluation for endocrine disruption under an EU legislation (List II) nor a substance considered, by the evaluating National Authority, to have endocrine disrupting properties (List III)
<b>12.7 Other adverse effects</b>	No further information available
<b>Section 13</b>	<b>Disposal Considerations</b>
<b>13.1 Waste treatment methods</b>	<p><b>13.1.1 Product / Packaging disposal:</b></p> <p>If empty container retains product residues, all label precautions must be observed. Return for reuse or dispose according to national or local regulations. Unusable products, out of date, residues and contaminated packaging are considered as hazardous waste according to Directive 2008/98/EC (as modified by Regulation (EU) No 1357/2014). Therefore, they must be disposed of according to local and national rules into force. Contact a licensed company.</p>



	<p>Do not pour into drains or in the environment. Do not re-use empty containers. Moistened solids (e.g. cloth, pulp, filter panels, binder) can be burnt after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations. European waste catalogue: e.g. 15 02 02 Filter and absorption materials contaminated with hazardous agents.</p> <p><b>13.1.2 Waste treatment – relevant information:</b> Do not release into the environment. Confirm disposal procedures with environmental engineer and local regulations. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.</p> <p><b>13.1.3 Sewage disposal – relevant information:</b> Waste should not be disposed of by release to sewers.</p>
<b>13.2 Special precautions for landfill and incineration</b>	Waste is suitable for incineration
<b>Section 14 Transport Information</b>	
<b>14.1 UN Number</b>	1197
<b>14.2 UN Proper Shipping Name</b>	EXTRACTS, LIQUID for flavouring or aroma
<b>14.3 Transport Hazard Class</b>	3
<b>14.4 Packing Group</b>	III
<b>Transport Labels</b>	
<b>14.5 Environmental hazards</b>	See section 2 - (IMDG - Marine pollutant)
<b>14.6 Special precautions for user</b>	Dangerous Goods Note - Product contains environmentally hazardous substances: d-limonene Tunnel Restriction code: 3 (D/E)
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	UN1197 - EXTRACTS, LIQUID for flavour or aroma Class 3 (Flammable liquids); packing group III Marine pollutant
<b>Section 15 Regulatory Information</b>	
<b>15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture</b>	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No 716)
<b>15.2 Chemical Safety Assessment</b>	No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier
<b>Section 16 Other Information</b>	
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# Safety Data Sheet



The data provided in this safety data sheet is meant to represent typical data for this widely used product. The data is obtained from current and reliable sources, but is supplied without warranty, expressed or implied regarding its correctness or accuracy. It is up to the user to determine safe conditions for use and to assume liability for loss, injury or damage or expense arising from improper use of this product.

<b>Date of original preparation and last revision of the SDS:</b>	Date of original preparation of SDS: June 2023 Last updated for UK use: June 2023 This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).	
<b>Indication of changes since previous edition:</b>	N/A – original document	
<b>Packaging:</b>	<b>Type</b>	<b>Suitability</b>
	Glass	Yes
	Steel	Yes
	Aluminium	Yes
	F/HDPE	Yes
	Stainless steel drum	Yes
<b>Shelf Life</b>	36 months when stored within advised conditions, re-test every 12 months thereafter for a possible further 24 months	