

# SAFETY DATA SHEET

*Printed on 05 February 2015*

According to 1907/2006/EC, Article 31 as amended by 453/2010/EC

*Version 16 Revised 24/04/2014 09:46:41*

## 1. IDENTIFICATION OF SUBSTANCE / MIXTURE AND COMPANY

### Product Identifier

Compound Name : ORANGE SWEET OIL BRAZILIAN

Code Number : OORANSWEE

Relevant identified uses of the substance/mixture and uses advised against  
Concentrated flavour material for manufacturing purposes only.

## 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification according to EC1272/2008

FL 3 : Flammable liquid, category 3  
AH 1 : Aspiration hazard, category 1  
SCI 2 : Skin corrosion/irritation, category 2  
SS 1 : Skin sensitisation  
EH A2 : Aquatic hazard, acute, category 2  
EH C2 : Aquatic hazard, chronic, category 2

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EU DSD classification according to 67/548/EEC, 1999/45/EC, 2001/58/EC

## Hazard Symbols



Xn: Harmful



N: Dangerous for the Environment

Risk Codes : R10,R38,R43,R51/53,R65

HydroCarbons : 97%

## Additional Information

Full text of R and S phrases: see Section 16

## GHS Labelling

### Symbols



Signal Word Danger

### Hazard Statements

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  
H401 Toxic to aquatic life  
H411 Toxic to aquatic life with long lasting effects

### Precautionary Statements

P262 Do not get in eyes, on skin, or on clothing.  
P273 Avoid release to the environment.  
P280 Wear protective gloves and eye protection  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.

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P331 Do NOT induce vomiting.  
P391 Collect spillage. Hazardous to the aquatic environment  
Other Hazards  
No data available at this time

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Any percentage values listed here for hazardous components are for illustrative purposes only

Description ORANGE OIL  
REACH Reg No 01-2119493353-35-0020  
USCAS Number 8008-57-9  
CAS Number 8028-48-6  
EINECS 232-433-8

Hazardous substances in complex natural material

Chemical Name	CAS No. EC No.	Classification 67/548/EEC	Classification EC 1272/2008	Conc (%)
d-Limonene (p-Mentha-1,8-diene)	5989-27-5 227-813-5	Xi, N; R10, R38, R43, R50/53, R65	FL 3; SCI 2; SS 1B; AH 1; EH A1, C1	95.0000
Myrcene	123-35-3 204-622-5	Xn; R10, R38, R52/53, R65	FL 3; AH 1; SCI 2; EDI 2A	2.0000
Linalool	78-70-6 201-134-4	Xi; R38	FL 4; ATO 5(3000); EDI 2A; SCI 2; EH A3	0.4000
Octanal	124-13-0 204-683-8	Xi; R36/38, R52/53	FL 3; SCI 2; EDI 2A; EH A3, C3	0.2500
Decanal	112-31-2 203-957-4	Xi; R38, R52/53	FL 4; ATO 5(3750); SCI 2; EDI 2A; EH A3, C3	0.2500
Citral	5392-40-5 226-394-6	Xi; R38, R43	FL 4; ATD 5(2250); ATO 5(4950); SCI 2; SS 1; EDI 2A; EH A2	0.1500

## 4. FIRST AID MEASURES

General : Take phrases in sections 2 and 15 into account  
Inhalation : Remove from the exposure area to fresh air. Contact a doctor if necessary.  
Ingestion : Wash mouth with plenty of water and obtain medical advice immediately.

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Skin Contact	: Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.
Eye Contact	: Flush with plenty of water and seek medical advice if necessary.

## 5. FIRE-FIGHTING MEASURES

Extinguishing Media	: Carbon dioxide, foam or dry powder DO NOT USE A DIRECT WATER JET. In case of overheating, cool containers to avoid a pressure increase.
Combustion Products	: Carbon dioxide and unidentified organic compounds.
Special Protective Equipment for Fire Fighters Only	: Wear protective clothing and avoid inhalation of vapours.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition.  
Avoid inhalation, skin and eye contact.  
Ensure proper ventilation.

Environmental precautions

Do not discharge directly into drains or the soil. Keep away from surface and ground water

Methods and material for containment and cleaning up

Soak up spillage with sand or other inert absorbant material such as earth or vemiculite; transfer used material to a suitable waste container and dispose in accordance with regulations.

Reference to other sections

Take Risk, Safety and Precautionary phrases (section 16) into account

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## 7. HANDLING AND STORAGE

### Precautions for safe handling

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.

### Conditions for safe storage, including any incompatibilities

Store in tightly sealed original containers away from ignition sources and in a cool place.

### Specific end use(s)

Not available at this time

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Control Parameters

-

### Exposure Controls

Maintain adequate ventilation.

### Personal Protection

Respiratory Protection : Not generally required. (Use inhalation protection in poorly ventilated areas)

Hand Protection : Wear chemically resistant disposable gloves.

Eye Protection : Wear safety goggles.

Skin Protection : Wear overalls. Always wash routinely before breaks, meals and at the end of the work period.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Flash Point (°C)	: 48
Colour	: YELLOW- ORANGE
Aroma	: PEELY ORANGE
Solubility	: INSOLUBLE

## 10. STABILITY AND REACTIVITY

Conditions to avoid	: Extreme temperatures
Incompatible materials	: Highly reactive chemicals which may produce unknown reaction products and so cause additional hazards.
Hazardous decomposition products	: Not determined

## 11. TOXICOLOGY INFORMATION

Not available for a complex mixture of different substances.

## 12. ECOLOGICAL INFORMATION

Not available; avoid soil, surface water and water-bearing stratum contamination.

## 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with the law and local regulations. Treat as trade effluent.

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## 14. TRANSPORT INFORMATION

UN Number : 1169  
Shipping Name : Extracts, aromatic, liquid  
Class : 3  
Packing Group : III  
Tunnel Code : (D/E)

## 15. REGULATORY INFORMATION

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

No relevant information available at this time

Chemical safety assessment

No data available at this time

Contains Citral, Limonene and Linalool which may produce an allergic reaction

## 16. OTHER INFORMATION

Text of the risk and safety phrases listed in section 2

R10	Flammable
R38	Irritating to skin
R43	May cause sensitisation by skin contact
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65	Harmful: may cause lung damage if swallowed
S24	Avoid contact with skin
S37	Wear suitable gloves
S61	Avoid release to the environment. Refer to special instructions/safety data sheet

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S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label
P262	Do not get in eyes, on skin, or on clothing.
P273	Avoid release to the environment.
P280	Wear protective gloves and eye protection
P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.
P331	Do NOT induce vomiting.
P391	Collect spillage. Hazardous to the aquatic environment

## Text of the risk phrases listed in section 3

R10	Flammable
R36/38	Irritating to eyes and skin
R38	Irritating to skin
R43	May cause sensitisation by skin contact
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65	Harmful: may cause lung damage if swallowed