Orange Essential Oil, 5 Fold
Safety Data Sheet

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

1.1 Product name: Orange Essential Oil, 5 Fold
1.2 Product code: 302-109X

1.3 Supplier:
Majestic Mountain Sage Inc
2490 S 1350 W
Nibley, 84321 - United States of America
T 435.755.0863 - F 435.755.2108
www.TheSage.com

1.4 Emergency telephone number
No additional information available

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Aspiration Toxicity	Category 1
Acute Oral Toxicity	Category 5
Acute Dermal Toxicity	Category 5
Skin Corrosion / Irritation	Category 2
Skin Sensitization	Category 1
Acute Aquatic Toxicity	Category 1
Chronic Aquatic Toxicity	Category 1
Flammable Liquids	Category 3

Classification according to EU Directives 67/548/EEC or 1999/45/EC
For the full text of the R-phrases mentioned in this Section, see Section 16

Symbol(s)
Xi - Irritant
N - Dangerous for the environment

R-code(s)
R10 - Xi; R38 - R43 - N; R50/53

2.2 Label Elements

Signal Word_____Danger

2.3 Hazard Statements

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H410	Very toxic to aquatic life with long lasting effects
H304	May be fatal if swallowed and enters airways
H226	Flammable liquid and vapor

2.4 Precautionary Statements

P280	Wear eye protection / face protection
P321	Specific treatment (see ? on this label)
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor /physician
P331	Do NOT induce vomiting
P370+P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction
P210	Keep away from heat / sparks / open flames / hot surfaces - No smoking

2.5 Other information

No data available

SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical Name	EC-No	CAS-No	Weight %	Classification according to Directive 67/548/EEC or 1999/45/EC	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Limonene	227-813-5	5989-27-5	90-100%	R10, Xi; R38, Xi; R43, N; R50/53	Aquatic Acute 1 (H400) Skin Sens. 1 (H317) Skin Irrit. 2 (H316) Asp. Tox. 1 (H304) Aquatic Chronic 1 (H410) Flam. Liq. 3 (H226)	No data available
Decanal	203-957-4	112-31-2	1-5%	Xi; R38, R52/53	Aquatic Acute 3 (H402) Eye Irrit. 1 (H319) Skin Irrit. 2 (H316) Aquatic Chronic 3 (H412) Acute Tox. 5 (H303) Flam. Liq. 4 (H227)	No data available
Linalool	201-134-4	78-70-6	1-5%	Xi; R38	Aquatic Acute 3 (H402) Skin Irrit. 2 (H316) Acute Tox. 5 (H303) Flam. Liq. 4 (H227)	No data available

For the full text of the R-phrases mentioned in this Section, see Section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

General Advice — Immediate medical attention is required, show this material safety data sheet to the doctor in attendance. If symptoms persist, call a physician.

Eye Contact — If symptoms persist, call a physician. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing.

Skin Contact — Wash off immediately with plenty of water. Wash contaminated clothing before reuse. If skin irritation persists, call a physician. Wash of immediately with soap and plenty of water. Immediate

	medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Ingestion	Do NOT induce vomiting. Drink plenty of water. Immediate medical attention is not required. Rinse mouth. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.
Inhalation	If symptoms persist, call a physician. Move to fresh air. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors. Move to fresh air in case of accidental inhalation of vapors or decomposition products.
Self-protection of the first aider:	Remove all sources of ignition. Use personal protective equipment.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically. May cause sensitization in susceptible person.

SECTION 5: Firefighting measures

5.1 Extinguishing Media

Suitable Extinguishing Media	Use Dry chemical, Carbon dioxide CO^2, Water spray, Alcohol-resistant foam.
Extinguishing media which shall not be used for safety reason	No information available

5.2 Special hazards arising from the substance or mixture

Special Hazard	None

5.3 Advice for firefighters

Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus and full protective gear.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges.

See Section 12 for additional Ecological Information

6.2 Environmental Precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

6.3 Methods and material for containment and cleaning up

Soap up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure adequate ventilation. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Use only in an area containing flame proof equipment. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Use only in area provided with appropriate exhaust ventilation. Use personal protective equipment as required. Do not breathe dust / fume / gas / mist / vapors / spray. Keep away from heat, sparks and open flame. No smoking. Take necessary action to avoid static electricity discharge (which might causes ignition of organic vapors).

7.2 Conditions for safe storage, including any incompatibilities

Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat.

7.3 Specific end use(s)

Exposure scenario	N/A
Other Guidelines	N/A

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Exposure Limit — This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	European Union	The United Kingdom	France	Spain	Germany
Limonene 5989-27-5					MAK: 20 ppm MAK: 110 mg/m^3 Ceiling / Peak: 40 ppm Ceiling / Peak: 220 mg/m^3 TWA: 20 ppm TWA: 110 mg/m^3

Chemical Name	Italy	Portugal	The Netherlands	Finland	Denmark
Limonene 5989-27-5				TWA: 25 ppm TWA: 140 mg/m^3 STEL: 50 ppm STEL: 280 mg/m^3	

Chemical Name	Austria	Sweden - Occupational Exposure limits - TLVs (LLVs)	Switzerland	Poland	Norway
Limonene 5989-27-5			STEL: 40 ppm STEL: 220 mg/m^3 MAK: 20 ppm MAK: 110 mg/m^3		TWA: 25 ppm TWA: 140 mg/m^3 STEL: 37.5 ppm STEL: 175 mg/m^3

Derived No Effect Level (DNEL)__ No information available

Predicted No Effect Concentration (PNEC) No information available

8.2 Exposure controls

Engineering Controls — Ensure adequate ventilation, especially in confined areas.

8.3 Personal Protective Equipment

Eye Protection — Tightly fitting safety goggles

Hand Protection — Protective gloves

Skin/Body Protection — Anti-static boots. Wear fire/flame resistant/ retardant clothing. Impervious gloves. Long sleeved clothing. Apron, chemical resistant apron.

Respiratory Protection — When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General Hygiene Considerations	When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.
Environmental Exposure Controls	Do not allow material to contaminate ground water system.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State:	liquid
Appearance:	clear
Odor:	orange
Color:	dark brownish-orange

Property	Values	Method
pH:		No information available
Melting/freezing point:		No information available
Boiling point/boiling range:		FCC Method
Flash Point:	46°C / 115°F	Closed Cup
Evaporation Rate:		FCC Method
Flammability (solid, gas):		No information available
Flammability Limits in Air:		No information available
Upper flammability limit:		
Lower flammability limit:		
Vapor pressure mm Hg 20°C:		No information available
Vapor density:		No information available
Relative density:		No information available
Specific gravity @ 25C:	0.8540 - 0.8650	FCC Method
Specific gravity @ 20C:	0.857 - 0.868	FCC Method
Refractive Index:	1.4740 - 1.4790	FCC Method
Water solubility:		No information available
Solubility in other solvents:		No information available
Partition coefficient: n-octanol/water:		No information available
Autoignition temperature:		No information available
Decomposition temperature:		No information available
Viscosity, dynamic:		No information available
Explosive properties:	No information available	
Oxidizing properties:	No information available	

Other Information

VOC Content (%):	91
Molecular weight:	No information available

SECTION 10: Stability and reactivity

10.1 Reactivity	None
10.2 Chemical stability	Stable under normal conditions
10.3 Possibility of hazardous reactions	None
10.4. Conditions to avoid	Heat, flames and sparks
10.5 Incompatible Materials	No materials to be especially mentioned
10.6 Hazardous Decomposition Products	None under normal use conditions

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Inhalation:	There is no data available for this product.
Eye contact:	There is no data available for this product.
Skin contact:	There is no data available for this product.
Ingestion:	There is no data available for this product.
Acute toxicity:	6% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 1, 2005).

Oral:	4,634.00 mg/kg
Dermal:	2,170.00 mg/kg

Skin corrosion / irritation	No information available.
Eye damage / irritation	No information available.
Sensitization	No information available.
Germ Cell Mutagenicity	No information available.
Carcinogenicity	No information available.
Specific target organ systemic toxicity (single exposure)	No information available.
Specific target organ systemic toxicity (repeated exposure)	No information available.
Target Organ Effects	No information available.
Aspiration hazard	No information available.

SECTION 12: Ecological information

12.1 Toxicity

Ecotoxicity effects

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia & other aquatic invertebrates
Limonene		0.619-0.796: 96 h Pimephales promelas mg/L LC50 flow-through 35: 96 h Oncorhynchus mykiss mg/L LC50	
Linalool	88.3: 96 h Desmodesmus subspicatus mg/L EC50	22-46: 96 h Leuciscus idus mg/L LC50 static	20: 48 h Daphnia magna mg/L EC50

12.2 Persistence and degradability No information available.

12.3 Bioaccumulative potential No information available.

Chemical Name	log Pow
Linalool	3.1

12.4 Mobility in soil No information available.

12.5 Results of PBT and vPvB assessment No information available.

12.6 Other adverse effects No information available.

SECTION 13: Disposal considerations

13.1 Waste Treatment Methods

Waste from residues/ unused products	Dispose of in accordance with local regulations
Contaminated packaging	Empty containers should be take to an approved waste handling site for recycling or disposal.
Other Information:	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific Waste Codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

14.1 Transport Information

DOT
No information available

IMDG/IMO

Proper Shipping name:	Flammable Liquid, N.O.S. (Limonene)
Hazard Class:	3
UN / ID No:	1993
Packing Group:	III
Marine Pollutant:	This product contains a chemical which is listed as a marine pollutant according to IMDG/IMO.

ICAO/IATA

UN / ID No:	1993
Proper Shipping Name:	Flammable Liquid, N.O.S. (Limonene)
Hazard Class:	3
Packing Group:	III
ERG Code:	128

SECTION 15: Regulatory information

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

WGK Classification

Chemical Name	Germany - Water Classification (VwVwS) - Annex 2 - Water Hazard Classes
Linalool 78-70-6	Hazard Class 1

International Inventories

All of the components in the product are on the following Inventory lists: United States of America (TSCA), Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Australia (AICS), Korea (ECL), China (IECSC), Japan (ENCS), Philippines (PICCS).

International Inventories

TSCA	Complies
EINECS / ELINCS	Complies

DSL / NDSL	Complies
PICCS	Complies
ENCS	Complies
IECSC	Complies
AICS	Complies
KECL	Complies

Legend:
TSCA: United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS: European Inventory of Existing Chemical Substances/ European Lis of Notified Chemical Substances
DSL/NDSL: Canadian Domestic Substances List/Non-Domestic Substances List
PICCS: Philippines Inventory of Chemicals and Chemical Substance
ENCS: Japan Existing and New Chemical Substances
IECSC: China Inventory of Existing Chemical Substances
AICS: Australian Inventory of Chemical Substances
KECL: Korean Existing and Evaluated Chemical Substances

15.2 Chemical Safety Assessment
No information available

SECTION 16: Other information

Risk Combination Phrases
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

Full text of H-Statements referred to under sections 2 and 3
H402 - Harmful to aquatic life, H319 - Causes serious eye irritation, H316 - Causes mild skin irritation, H412 - Harmful to aquatic life with long lasting effects, H303 - May be harmful if swallowed, H227 - Combustible liquid, H400 - Very toxic to aquatic life, H317 - May cause an allergic skin reaction, H304 - May be fatal if swallowed and enters airways, H410 - Very toxic to aquatic life with long lasting effects, H226 - Flammable liquid and vapor

Date: July 25, 2016

The information contained within this Material Safety Data Sheet is based on our present knowledge. The data here does not guarantee any specific product features or suitability of this product for user's application. User should satisfy themselves that information is complete. No warranty is expressed or implied with respect to completeness or continuing accuracy of the information given here.