



Brown Sugar & Spice Fragrance Oil

Safety Data Sheet

SECTION 1: Identification of the Substance/Mixture and of the Company/undertaking

- 1.1 Product Name:** Brown Sugar & Spice Fragrance Oil
Product Code: 303-304X
- 1.2 Intended Use:** Compound used in customer substance/mixture/product.
- 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

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification According to Regulation (EC) No 1272/2008 as Amended

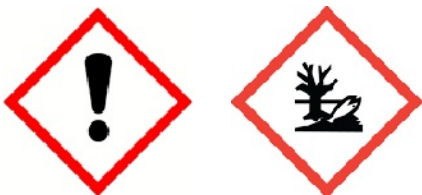
Skin Sensitization, Category 1A	H317: May cause an allergic skin reaction.
Acute Aquatic Toxicity, Category 1	H400: Very toxic to aquatic life.
Chronic Aquatic Toxicity, Category 2	H411: Toxic to aquatic life with long lasting effects.

OSHA Defined Hazards

Not classified.

2.2 Label Elements

Hazard Pictograms



Signal Word: Warning.

Hazard Statements

H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

Precautionary Statements

Prevention:

P261	Avoid breathing mist or vapor.
P272	Contaminated work clothing must not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.

Response:

P302+P352	IF ON SKIN: Wash with plenty of water.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash before reuse.
P391	Collect spillage.

Disposal:

P501	Dispose of contents/container in accordance with local/regional/national/ international regulations.
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2.3 Other Hazards

3.63% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

SECTION 3: Composition/Information on Ingredients**3.1 Mixtures**

Chemical Name	CAS Number	%
Benzyl benzoate	120-51-4	50-<60%
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopentagamma-2-benzopyran	1222-05-5	5-<10%
3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde	31906-04-4	5-<10%
Diethyl phthalate	84-66-2	5-<10%
Methyl dihydrojasmonate	24851-98-7	5-<10%
Vanillin	121-33-5	3-<5%
(1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl)cyclohexan-1-ol	68877-29-2	1-<3%
Ethyl maltol	4940-11-8	1-<3%
Piperonal	120-57-0	1-<3%
4-Hydroxy-2,5-dimethyl-3(2H)-furanone	3658-77-3	<1%
1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	1506-02-1	<0.2%
Benzyl acetate	140-11-4	<0.1%
Other components below reportable levels		3-<5%

SECTION 4: First Aid Measures**4.1 Description of First Aid Measures**

General Information: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.

Skin Contact: Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists,

Ingestion: Rinse mouth. Get medical advice/attention if you feel unwell.

4.2 Most Important Symptoms/Effects, Acute and Delayed

May cause an allergic skin reaction. Dermatitis. Rash.

4.3 Indication of Immediate Medical Attention and Special Treatment Needed

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting Measures

5.1 Extinguishing Media

Suitable: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable: Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Specific Hazards Arising from the Chemical

During fire, gases hazardous to health may be formed.

5.3 Advice for Firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Move containers from fire area if you can do so without risk. Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see Section 8 of the SDS.

6.2 Methods and Materials for Containment and Cleaning Up

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see Section 13 of the SDS.

6.3 Environmental Precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get this material in contact with eyes. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

SECTION 8: Exposure Controls/Personal Protection

8.1 Control Parameters

Occupational Exposure Limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

US. ACGIH Threshold Limit Values

Components	Type	Value
Benzyl acetate (CAS 140-11-4)	TWA	10 ppm
Diethyl phthalate (CAS 84-66-2)	TWA	5 mg/m ³

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Diethyl phthalate (CAS 84-66-2)	TWA	5 mg/m ³

US. Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
Vanillin (CAS 121-33-5)	TWA	10 mg/m ³

Biological Limit Values:

No biological exposure limits noted for the ingredient(s).

Appropriate Engineering Controls:

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station. Eye wash fountain and emergency showers are recommended.

8.2 Individual Protection Measures, Such as Personal Protective Equipment

Eye/Face Protection: Face shield is recommended. Wear safety glasses with side shields (or goggles).

Skin/Hand Protection: Wear appropriate chemical resistant gloves and clothing. Use of an impervious apron is recommended.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal Hazards: Wear appropriate thermal protective clothing, when necessary.

Hygiene Measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

SECTION 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance:	Colorless to Pale Yellow
Physical State:	Liquid
Form:	Liquid
Color:	Not available
Odor:	Characteristic of name
Odor Threshold:	Not available
pH:	Not available
Melting/Freezing Point:	56.61°F (13.67°C) estimated
Initial Boil Point/Range:	607.4°F (319.66°C) estimated
Flash Point:	212.0°F (>100.0°C) Closed cup
Evaporation Rate:	Not available
Flammability (solid, gas):	Not applicable
Vapor Pressure:	0.001 hPa estimated
Vapor Pressure Temperature:	Not available
Vapor Density:	Not available
Relative Density:	Not available
Solubility(ies)	
Solubility (Water):	NO
Solubility (Other):	Not available
Auto-Ignition Temperature:	891.12°F (477.29°C) estimated
Decomposition Temperature:	Not available
Viscosity:	Not available
Explosive Properties:	Not explosive
Oxidizing Properties:	Not oxidizing

9.2 Other Information

Density:	9.29 lbs/gal estimated
Hydrocarbons Percent:	Not determined
Refractive Index:	1.5389 - 1.5469
Specific Gravity:	1.071 - 1.111
VOC (Weight %):	Not determined

SECTION 10: Stability and reactivity

10.1 Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2 Chemical Stability

Material is stable under normal conditions.

10.3 Possibility of Hazardous Reactions

No dangerous reaction known under conditions of normal use.

10.4 Conditions to Avoid

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

10.5 Incompatible Materials

Strong acids. Strong oxidizing agents.

10.6 Hazardous Decomposition Products

No hazardous decomposition products are known.

SECTION 11: Toxicological Information

11.1 Information on Likely Routes of Exposure

Inhalation:	Prolonged inhalation may be harmful.
Skin Contact:	May cause an allergic skin reaction.
Eye Contact:	Direct contact with eyes may cause temporary irritation.
Ingestion:	Expected to be a low ingestion hazard.

Symptoms Related to the Physical, Chemical, Toxicological Characteristics:
May cause an allergic skin reaction. Dermatitis. Rash.

11.2 Information on Toxicological Effects

Acute Toxicity:

Components	Species	Test Results
Benzyl acetate (CAS 140-11-4) Acute Oral LD50	Rat	2490 mg/kg
Piperonal (CAS 120-57-0) Acute Oral LD50	Rat	2700 mg/kg

* Estimates for product may be based on additional component data not known.

Skin Corrosion/Irritation:

Prolonged skin contact may cause temporary irritation.

Serious Eye Damage/Irritation:

Direct contact with eyes may cause temporary irritation.

Respiratory Sensitization:

Not a respiratory sensitizer.

Skin Sensitization:

May cause an allergic skin reaction.

Germ Cell Mutagenicity:

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity:

Not classifiable as to carcinogenicity to humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

Benzyl acetate (CAS 140-11-4)

3 - Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Reproductive Toxicity:

This product is not expected to cause reproductive or developmental effects.

Specific Target Organ Toxicity

Single Exposure:

Not classified.

Specific Target Organ Toxicity

Repeated Exposure:

Not classified.

Aspiration Hazard:

Not an aspiration hazard.

Chronic Effects:

Prolonged inhalation may be harmful.

SECTION 12: Ecological Information**12.1 Ecotoxicity**

Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

12.2 Persistence and Degradability

No data is available on the degradability of this product.

12.3 Bioaccumulative Potential

Partition Coefficient n-octanol/water (log Kow)	
Benzyl acetate	1.96
Benzyl benzoate	3.97
Diethyl phthalate	2.47
Piperonal	1.05
Vanillin	1.37

12.4 Mobility in Soil

No data available.

12.5 Other Adverse Effects

No other adverse environmental effects (e.g. ozone depletion, photo chemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: Disposal Considerations**13.1 Waste Treatment Methods****Disposal Instructions:**

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national /international regulations.

Local Disposal Regulations:

Dispose in accordance with all applicable

regulations.

Hazardous Waste Code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company

Residual Waste: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal Instructions.)

Contaminated Packaging: Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport Information
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14.1 Transport Information

DOT Not regulated as dangerous goods.

IATA

UN Number: UN3082
UN Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Benzyl benzoate)
Transport Hazard Class(es)
Class: 9
Subsidiary Risk: -
Packing Group: III
Environmental Hazards: Yes.
ERG Code 9L
Special Precautions for User: Read safety instructions, SDS and emergency procedures before handling.

Other Information

Passenger and Cargo

Aircraft: Allowed with restrictions.

Cargo Aircraft Only: Allowed with restrictions.

IMDG

UN Number:	UN3082
UN Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate) MARINE POLLUTANT
Transport Hazard Class(es)	
Class:	9
Subsidiary Risk:	-
Packing Group:	III
Environmental Hazards	
Marine Pollutant:	Yes.
EmS:	F-A, S-F
Special Precautions for User:	Read safety instructions, SDS and emergency procedures before handling.

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not established.

ADR; IATA; IMDG



Marine Pollutant



General Information: IMDG Regulated Marine Pollutant

SECTION 15: Regulatory Information

15.1 US Federal Regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Diethyl phthalate (CAS 84-66-2) Listed.

SARA 304 Emergency Release Notification

Not regulated.

15.3 International Inventories

Country(s) or region	Inventory name	On Inventory or exempt (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the products are not listed on the inventory administered by the governing country(s).

SECTION 16: Other Information

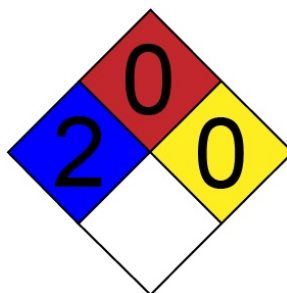
16.1 HMIS® Ratings

Health: 2

Flammability: 0

Physical hazard: 0

Personal protection: D



16.2 NFPA ratings

Health: 2

Flammability: 0

Instability: 0

Notes:

This safety data sheet is based on the properties of the material known at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment holds no responsibility. This document is not intended for quality assurance purposes.