



SAFETY DATA SHEET

505106 NUTMEG CO2 EXTRACT

Revision Date: 12-01-2016

Page 1 of 15

Version # 02

Print Date: 12-01-2016

1. IDENTIFICATION

Product Description:	NUTMEG CO2 EXTRACT
CAS #	84082-68-8
FEMA Number	2792
Other means of identification	
Vigon Item #	505106
Recommended use	Concentrated aromatic and flavor ingredient which may be used in flavor and fragrance compounds according to legal and IFRA or FEMA GRAS/FDA guidelines.
Recommended restrictions	For Manufacturing Use Only

Company

Vigon International, Inc.
127 Airport Road
E. Stroudsburg, PA 18301
For information call: 570-476-6300
Web Site: www.vigon.com

24 Hour Emergency Response Information

INFOTRAC (ACCT# 78928);
1-800-535-5053 WITHIN THE U.S.A.
1-352-323-3500 OUTSIDE THE U.S.A.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name	Vigon International, Inc.	
Address	127 Airport Road E. Stroudsburg, PA 18301 United States	
Telephone	For information call:	570-476-6300
Website	www.vigon.com	
E-mail	Not available.	
Emergency phone number	INFOTRAC	(ACCT# 78928);
	1-800-535-5053	WITHIN THE U.S.A.
	1-352-323-3500	OUTSIDE THE U.S.A.

2. HAZARD(S) IDENTIFICATION

Physical hazards	Flammable liquids	Category 3
Health hazards	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Sensitization, skin	Category 1
	Germ cell mutagenicity	Category 2
	Carcinogenicity	Category 1B
	Aspiration hazard	Category 1
Environmental hazards	Hazardous to the aquatic environment, long-term hazard	Category 2

SAFETY DATA SHEET

505106 NUTMEG CO2 EXTRACT

Revision Date: 12-01-2016

Page 2 of 15

Version # 02

Print Date: 12-01-2016

Label elements



Signal word

Danger

Hazard statement

Flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. Causes skin and eye irritation. May cause an allergic skin reaction. Causes serious eye irritation. Suspected of causing genetic defects. May cause cancer. Toxic to aquatic life with long lasting effects.

Precautionary statement

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Avoid breathing mist or vapor. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response

IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use appropriate media to extinguish. Collect spillage.

Storage

Store in a well-ventilated place. Keep cool. Store locked up.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)

None known.

Supplemental information

100% of the mixture consists of component(s) of unknown acute oral toxicity. 100% of the mixture consists of component(s) of unknown acute inhalation toxicity. 100% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 100% of the mixture consists of component(s) of unknown acute dermal toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Chemical name	Common name and synonyms	CAS number	%
NUTMEG EXTRACT		84082-68-8	100
Additional components	Common name and synonyms	CAS number	%
Chemical name			
MYRISTICIN	1,3-BENZODIOXOLE, 4-METHOXY-6-(2-PROPENYL)- 4- methoxy-6-(2-propenyl)-1,3-benzodioxole 6-Allyl-4-methoxy-1,3-benzodioxole 5- allyl-2,3-(methylenedioxy)anisole	607-91-0	10 - 20

SAFETY DATA SHEET

505106 NUTMEG CO2 EXTRACT

Revision Date: 12-01-2016

Page 3 of 15

Version # 02

Print Date: 12-01-2016

Additional components	Common name and synonyms	CAS number	%
Chemical name			
5-Allyl-1,3-Benzodioxole	5-prop-2-enyl-1,3-benzodioxole allyl dioxybenzene methylene ether 1- allyl-3,4-methylene dioxybenzene 3-[(3,4- methylenedioxy)phenyl]-1-propene	94-59-7	1 - 3
5-Allyl-1,2,3-trimethoxybenzene	BENZENE, 1,2,3-TRIMETHOXY-5-(2-PROPENYL)- 1,2,3-trimethoxy-5-prop-2-enylbenzene	487-11-6	0 - 3
CARVENE	DIPENTENE (+)-P-MENTHA-1,8-DIENE (R)-(+)-Limonene (R)-4-Isopropenyl-1-methyl-1-cyclohexene 1- methyl-4-prop-1-en-2-ylcyclohexene	5989-27-5	0 - 3
EUGENOL	5-ALLYL-2-HYDROXY-ANISOL 2-METHOXY-4-(2-PROPENYL)-PHENOL 1-HYDROXY-2-METHOXY-4-ALLYLBENZENE 2-METHOXY-4-ALLYLPHENOL	97-53-0	0 - 1
METHYL EUGENOL	1,2- dimethoxy-4-prop-2-enylbenzene 4-ALLYL-1,2-DIMETHOXY-BENZOL eugenyl methyl ether ortho- methyl eugenol ether 3-(3,4- dimethoxyphenyl)-1-propene	93-15-2	0 - 0.5
LINALOOL	2,6-DIMETHYL-2,7-OCTADIENE-6-OL 1,6-Octadien-3-ol, 3,7-dimethyl- 3,7-Dimethylocta-1,6-dien-3-ol LINALYL ALCOHOL	78-70-6	0 - 0.5
ISOEUGENOL	2- methoxy-4-prop-1-en-2-ylphenol 2-Methoxy-4-(1-propenyl)phenol; 4-Hydroxy-3-methoxy-1-propenylbenzene, Isoeugenol Phenol, 2-methoxy-4-(1-propen-1-yl)-	97-54-1	0 - 0.5

4. FIRST-AID MEASURES

Inhalation

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. For breathing difficulties, oxygen may be necessary. Call a physician if symptoms develop or persist.

Skin contact

Take off immediately all contaminated clothing. Get medical attention if irritation develops and persists. Wash skin thoroughly with soap and water for several minutes.

Eye contact

Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists. Promptly wash eyes with plenty of water while lifting the eye lids.

Ingestion

Call a physician or poison control center immediately. If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs.



SAFETY DATA SHEET

505106 NUTMEG CO2 EXTRACT

Revision Date: 12-01-2016

Page 4 of 15

Version # 02

Print Date: 12-01-2016

Most important symptoms/effects, acute and delayed	Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.
Indication of immediate medical attention and special treatment needed	Not available.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water spray, fog, CO2, dry chemical, or alcohol resistant foam.
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.
Specific hazards arising from the chemical	Fire may produce irritating, corrosive and/or toxic gases.
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection. Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.
Fire fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Water runoff can cause environmental damage. Ventilate closed spaces before entering them. Keep run-off water out of sewers and water sources. Dike for water control.
Specific methods	Use water spray to cool unopened containers.
General fire hazards	Static charges generated by emptying package in or near flammable vapor may cause flash fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Eliminate all sources of ignition. Avoid contact with skin or inhalation of spillage, dust or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them.
Methods and materials for containment and cleaning up	Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps.

The product is immiscible with water and will spread on the water surface.

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. Prevent product from entering drains. Absorb in vermiculite, dry sand or earth and place into containers.

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

Never return spills in original containers for re-use. This material and its container must be disposed of as hazardous waste. Collect and dispose of spillage as indicated in section 13 of the SDS.



SAFETY DATA SHEET

505106 NUTMEG CO2 EXTRACT

Revision Date: 12-01-2016

Page 5 of 15

Version # 02

Print Date: 12-01-2016

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid release to the environment. Retain and dispose of contaminated wash water. Contact local authorities in case of spillage to drain/aquatic environment.

7. HANDLING AND STORAGE

Precautions for safe handling Do not handle or store near an open flame, heat or other sources of ignition. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities Keep container closed. Handle containers with care. Open slowly in order to control possible pressure release. Store in a cool, well-ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

US. Workplace Environmental Exposure Level (WEEL) Guides

Additional components	Type	Value
CARVENE	TWA	165.5 mg/m3
(CAS 5989-27-5)		30 ppm

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

Appropriate engineering controls Use explosion-proof ventilation equipment to stay below exposure limits.

Individual protection measures, such as personal protective equipment

Eye/face protection Avoid contact with eyes.

Skin protection

Hand protection Chemical resistant gloves.

Other Use of an impervious apron is recommended.

Respiratory protection Chemical respirator with organic vapor cartridge and full facepiece.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations Observe any medical surveillance requirements. When using do not smoke. 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Refer to Spec Sheet

Physical state Liquid.

Form Liquid.

Color Refer to Spec Sheet

Odor Characteristic.

Odor threshold Not available.

pH Not available.

Melting point/freezing point Not available.

SAFETY DATA SHEET

505106 NUTMEG CO2 EXTRACT

Revision Date: 12-01-2016

Page 6 of 15

Version # 02

Print Date: 12-01-2016

Initial boiling point and boiling range	Not available.
Flash point	108.0 °F (42.2 °C) Closed Cup
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Insoluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	0.93 at 20 °C
Explosive properties	Not explosive.
Molecular formula	Not applicable
Oxidizing properties	Not oxidizing.

10. STABILITY AND REACTIVITY

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products if stored and handled as indicated.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation	No adverse effects due to inhalation are expected.
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SAFETY DATA SHEET

505106 NUTMEG CO2 EXTRACT

Revision Date: 12-01-2016

Page 7 of 15

Version # 02

Print Date: 12-01-2016

Skin contact	Causes skin irritation. May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation.
Ingestion	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
Symptoms related to the physical, chemical and toxicological characteristics	Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects

Acute toxicity May be fatal if swallowed and enters airways.

Toxicological data

Additional components	Species	Test Results
ISOEUGENOL (CAS 97-54-1)		
Acute		
<i>Oral</i>		
LD50	Rat	1560 mg/kg
LINALOOL (CAS 78-70-6)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	2000 mg/kg
<i>Oral</i>		
LD50	Rat	2790 mg/kg
METHYL EUGENOL (CAS 93-15-2)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 2025 mg/kg
<i>Oral</i>		
LD50	Rat	810 mg/kg
EUGENOL (CAS 97-53-0)		
Acute		
<i>Dermal</i>		
LCL0	Rat	5000 mg/kg subcutaneous
<i>Inhalation</i>		
LC50	Rat	2580 mg/m ³ , 4 hours ARTODN 62,381,1988
<i>Oral</i>		
LD50	Rat	1930 mg/kg

SAFETY DATA SHEET

505106 NUTMEG CO2 EXTRACT

Revision Date: 12-01-2016

Page 8 of 15

Version # 02

Print Date: 12-01-2016

Additional components	Species	Test Results
MYRISTICIN (CAS 607-91-0)		
Acute		
<i>Oral</i>		
LD50	Rat	4260 mg/kg
5-Allyl-1,3-Benzodioxole (CAS 94-59-7)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 5 g/kg
<i>Oral</i>		
LD50	Rat	1950 mg/kg
CARVENE (CAS 5989-27-5)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	5 g/kg
<i>Oral</i>		
LD50	Rat	4400 mg/kg

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

Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/eye irritation	Causes serious eye irritation.
Respiratory or skin sensitization	
Respiratory sensitization	Not a respiratory sensitizer.
Skin sensitization	May cause an allergic skin reaction.
Germ cell mutagenicity	Suspected of causing genetic defects.
Carcinogenicity	May cause cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

5-Allyl-1,3-Benzodioxole (CAS 94-59-7)	2B Possibly carcinogenic to humans.
CARVENE (CAS 5989-27-5)	3 Not classifiable as to carcinogenicity to humans.
EUGENOL (CAS 97-53-0)	3 Not classifiable as to carcinogenicity to humans.
METHYL EUGENOL (CAS 93-15-2)	2B Possibly carcinogenic to humans.

NTP Report on Carcinogens

5-Allyl-1,3-Benzodioxole (CAS 94-59-7)
METHYL EUGENOL (CAS 93-15-2)

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

5-Allyl-1,3-Benzodioxole (CAS 94-59-7)	Reasonably Anticipated to be a Human Carcinogen.
METHYL EUGENOL (CAS 93-15-2)	Reasonably Anticipated to be a Human Carcinogen.

SAFETY DATA SHEET

505106 NUTMEG CO2 EXTRACT

Revision Date: 12-01-2016

Page 9 of 15

Version # 02

Print Date: 12-01-2016

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not available.

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 May be fatal if swallowed and enters airways.

12. ECOLOGICAL INFORMATION

Ecotoxicity Toxic to aquatic life with long lasting effects.

Additional components		Species	Test Results
LINALOOL (CAS 78-70-6)			
Other	EC10	Activated sludge of a predominantly domestic sewage	> 100 mg/l, 3 hours
Aquatic			
Algae	EC50	Green algae (<i>Chlamydomonas variabilis</i>)	88.3 mg/l, 96 hours DIN 38412 Part 9 static. The details of the toxic effect related to the nominal concentration.
Crustacea	EC50	Daphnia magna	20 mg/l, 48 hours DIN 38412 Part 11 static. The details of the toxic effect related to the nominal concentration.
Fish	LC50	Ide, silver or golden orfe (<i>Leuciscus idus</i>)	> 22 - < 46 mg/l, 96 hours DIN 38412 Part 15 static. The details of the toxic effect related to the nominal concentration.
	LC50-R	Fish	27.8 mg/l, 96 hours
METHYL EUGENOL (CAS 93-15-2)			
Aquatic			
Fish	LC50	Rainbow trout, donaldson trout (<i>Oncorhynchus mykiss</i>)	> 4.9 - < 7.2 mg/l, 96 hours
EUGENOL (CAS 97-53-0)			
Other	LD50	Bird	> 316 mg/kg Schafer, 1983
Aquatic			
Crustacea	EC50	Daphnia magna	1.13 mg/l, 48 hours
	LD50	Invertebrates (Invertebrates)	0.012 mg/kg Lee, 1997
Fish	LC50	Danio rerio	13 mg/l, 96 hours
		Oncorhynchus mykiss	60.8 mg/l, 96 hours

SAFETY DATA SHEET

505106 NUTMEG CO2 EXTRACT

Revision Date: 12-01-2016

Page 10 of 15

Version # 02

Print Date: 12-01-2016

Additional components		Species	Test Results
CARVENE (CAS 5989-27-5)			
Aquatic			
Crustacea	EC50	Water flea (<i>Daphnia pulex</i>)	69.6 mg/l, 48 hours
Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>)	> 0.619 - < 0.796 mg/l, 96 hours
		Rainbow trout, donaldson trout (<i>Oncorhynchus mykiss</i>)	35 mg/l, 4 days
Other	EC50	Activated Sludge	3.94 mg/l

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

Persistence and degradability No data is available on the degradability of this product.

Biodegradability

Percent degradation (Aerobic biodegradation-ready)

LINALOOL

> 60 - < 70 %, Readily biodegradable (according to OECD criteria).

Result: OECD 301D; EEC 92/69, C4-E (aerobic)

Test Duration: 28 days

Bioaccumulative potential No data available.

Mobility in soil No data available.

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

13. DISPOSAL CONSIDERATIONS

Disposal instructions Do not discharge into drains, water courses or onto the ground. 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 Not established.

US RCRA Hazardous Waste U List: Reference

5-Allyl-1,3-Benzodioxole (CAS 94-59-7)

U203

Waste from residues / unused products 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.

14. TRANSPORT INFORMATION

ADN

UN number 1197

UN proper shipping name EXTRACTS, FLAVOURING, LIQUID (NUTMEG EXTRACT)

Transport hazard class(es) 3

Subsidiary class(es) -

SAFETY DATA SHEET

505106 NUTMEG CO2 EXTRACT

Revision Date: 12-01-2016

Page 11 of 15

Version # 02

Print Date: 12-01-2016

Packing group	III
Environmental hazards	Yes
Labels required	3

ADR

UN number	1197
UN proper shipping name	EXTRACTS, FLAVOURING, LIQUID (NUTMEG EXTRACT)
Transport hazard class(es)	3
Subsidiary class(es)	-
Packing group	III
Environmental hazards	Yes
Labels required	3

RID

UN number	1197
UN proper shipping name	EXTRACTS, FLAVOURING, LIQUID (NUTMEG EXTRACT)
Transport hazard class(es)	3
Subsidiary class(es)	-
Packing Group	III
Environmental Hazards	Yes
Labels required	3
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

DOT

BULK

UN number	1197
Proper shipping name	EXTRACTS, FLAVOURING, LIQUID (NUTMEG EXTRACT)
Hazard class	3
Packing group	III
Environmental hazards	
Marine pollutant	Yes
Packaging exceptions	150
Packaging bulk	242
Labels required	3

DOT

NON-BULK

Not regulated as dangerous goods.

IATA

UN number	1197
UN proper shipping name	EXTRACTS, FLAVOURING, LIQUID
Transport hazard class(es)	3
Subsidiary class(es)	-
Packing group	III
Environmental hazards	No
Labels required	3

IMDG

UN number	1197
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SAFETY DATA SHEET

505106 NUTMEG CO2 EXTRACT

Revision Date: 12-01-2016

Page 12 of 15

Version # 02

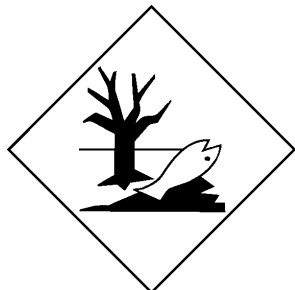
Print Date: 12-01-2016

UN proper shipping name	EXTRACTS, FLAVOURING, LIQUID (NUTMEG EXTRACT)
Transport hazard class(es)	3
Subsidiary class(es)	-
Packing group	III
Environmental hazards	
Marine pollutant	Yes
Labels required	3
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

ADN; ADR; DOT BULK; IATA; IMDG; RID



Marine pollutant

**15. REGULATORY INFORMATION**

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

CERCLA Hazardous Substance List (40 CFR 302.4)

5-Allyl-1,3-Benzodioxole (CAS 94-59-7) Listed.

SARA 304 Emergency release notification

Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not available.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration

5-Allyl-1,3-Benzodioxole (CAS 94-59-7) 0.1 %



SAFETY DATA SHEET

505106 NUTMEG CO2 EXTRACT

Revision Date: 12-01-2016

Page 13 of 15

Version # 02

Print Date: 12-01-2016

METHYL EUGENOL (CAS 93-15-2) 0.1 %

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

5-Allyl-1,3-Benzodioxole (CAS 94-59-7) Listed.

METHYL EUGENOL (CAS 93-15-2) Listed.

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

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical Yes

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
METHYL EUGENOL	93-15-2	0 - 0.5
5-Allyl-1,3-Benzodioxole	94-59-7	1 - 3

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

5-Allyl-1,3-Benzodioxole (CAS 94-59-7) 20 %VOL

DEA Exempt Chemical Mixtures Code Number

5-Allyl-1,3-Benzodioxole (CAS 94-59-7) 8323

US state regulations

US - Massachusetts RTK - Substance List: Carcinogenic substance

5-Allyl-1,3-Benzodioxole (CAS 94-59-7) Carcinogenic.

US - Massachusetts RTK - Substance List: Extraordinarily hazardous

5-Allyl-1,3-Benzodioxole (CAS 94-59-7) Extraordinarily hazardous.

US. Massachusetts RTK - Substance List

5-Allyl-1,3-Benzodioxole (CAS 94-59-7)

US. New Jersey Worker and Community Right-to-Know Act

5-Allyl-1,3-Benzodioxole (CAS 94-59-7)

CARVENE (CAS 5989-27-5)

METHYL EUGENOL (CAS 93-15-2)



SAFETY DATA SHEET

505106 NUTMEG CO2 EXTRACT

Revision Date: 12-01-2016

Page 14 of 15

Version # 02

Print Date: 12-01-2016

US. Pennsylvania Worker and Community Right-to-Know Law

5-Allyl-1,3-Benzodioxole (CAS 94-59-7)

US. Rhode Island RTK

5-Allyl-1,3-Benzodioxole (CAS 94-59-7)

METHYL EUGENOL (CAS 93-15-2)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	No
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
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*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 product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Issue date	11-18-2015
Revision date	12-01-2016
Version #	02
HMIS® ratings	Health: 2* Flammability: 2 Physical hazard: 0



SAFETY DATA SHEET

505106 NUTMEG CO2 EXTRACT

Revision Date: 12-01-2016

Page 15 of 15

Version # 02

Print Date: 12-01-2016

Disclaimer

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Revision information

This document has undergone significant changes and should be reviewed in its entirety.