



MATERIAL SAFETY DATA SHEET

ORGANIC VIRGIN COCONUT OIL

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: **VIRGIN COCONUT OIL --ORGANIC**
Product Use: Personal Care Formulations
Company Name: Natural Sourcing
Company Address: 341 Christian Street, Oxford, CT 06478, USA
Date Issued: 10/28/2015
Emergency Telephone Number: Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Ingredients:
Vegetable Oil Triglycerides 100% FROM COCONUT
Hazardous Components: None
CAS #: 8001-31-8

3. HAZARDS IDENTIFICATION

Routes of Entry
Eye Contact: No known hazard
Skin Contact: May cause irritation in sensitive individuals with prolonged exposure
Ingestion: Food Grade
Inhalation: Inhalation of fine mist may effect respiratory system

4. FIRST AID MEASURES

Eyes: Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.
Skin: Wash with soap and flush with plenty of water
Ingestion: Contact Physician if discomfort is encountered.
Inhalation: Remove to fresh air and seek medical attention
Medical Conditions Generally Aggravated by Exposure: Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis. Skin contact may aggravate existing skin disease.

5. FIRE FIGHTING MEASURES

Flash Point (Method Used): 180°C (direct ignition)
Flammable Limits
LEL: Not established
UEL: Not established
Extinguishing Media: Dry Chemical, Carbon Dioxide, Foam

Special Firefighting Procedures: Cool containers exposed to flame with water. Limit the spread of oil. Treat as an oil (edible fat) fire. Use air supplied equipment for fighting interior fires. **DO NOT USE WATER TO EXTINGUISH.** As with all unsaturated fats and oils, some porous materials such as rags, paper, insulation or clay when wetted with this product may undergo spontaneous combustion. Keep such wetted materials well ventilated to prevent possible heat build up.

Unusual Fire & Explosion Hazards:

Hazardous Decomposition Materials: CO, CO2

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Methods for Cleaning Up: Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water. Floors will be slippery; take precautions.

7. HANDLING AND STORAGE

Handling

Safe Handling: Avoid direct or prolonged contact with skin and eyes. Avoid breathing oil mist.

Storage

Requirements for Storage Areas and Containers: Store in an area that is cool, dry, and well-ventilated.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Introductory Remarks: These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance to the section entitled Disposal Considerations. Engineering controls are usually not necessary if good hygiene practices are strictly followed. Respiratory protection is generally not required during normal operations. Wear the following to prevent skin contact: work pants, long sleeve work shirt, and work gloves. Where there is the danger of eye contact, wear splash proof goggles.

Exposures Guidelines:

Threshold Limit Value: Liquid: None; Oil Mist: 10 mg/m; total particulate. Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:

Work Practice Controls:

- (1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
- (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- (3) Wash exposed skin promptly to remove accidental splashes or contact with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid oil

Color:	Creamy white
Odor:	Characteristic, bland, coconut
Vapor Pressure (mm Hg.):	N/A
Vapor Density (AIR = 1):	>1
Boiling Point:	N/A
Melting Point:	24-26°C
Cloud Point:	21-23°C
Specific Gravity (H2O = 1):	0.89390
Saponification Value:	255-263
pH:	5-8
Solubility in Water:	Insoluble
Water Reactive:	No

10. STABILITY AND REACTIVITY

Stability:	This material is stable under normal conditions described in that section.
Incompatibility (Materials to Avoid):	None
Conditions to Avoid:	None
Hazardous Decomposition or Byproducts:	CO, CO2
Hazardous Polymerization:	Will Not Occur

11. TOXICOLOGICAL INFORMATION

No Information

12. ECOLOGICAL INFORMATION

No information

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:	Chemical additions, processing or otherwise altering this material may make the waste management information present in this MSDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.
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14. TRANSPORT INFORMATION

This material is not considered hazardous for transport.

DOT Classification:	Not Regulated - Not Dangerous Goods
ADR/RID:	Not Regulated - Not Dangerous Goods
IATA:	Not Regulated - Not Dangerous Goods
IMDG:	Not Regulated - Not Dangerous Goods

15. REGULATORY INFORMATION

No information

16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.
This product is not considered hazardous.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.

MATERIAL SAFETY DATA SHEET

ORGANIC BEESWAX

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: ORGANIC BEESWAX
Product Use: Personal Care Formulations
Company Name: Natural Sourcing
Company Address: 341 Christian Street, Oxford, CT 06478, USA
Date Issued: 1/1/2008
Emergency Telephone Number: Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Ingredients:
Esters: 70%
Hydrocarbons: 13%
Fatty Acids: 12%
Fatty Alcohols: 4%
Other: 1%
Hazardous Components: None
CAS #: 8012-89-3
EINECS #: 232-383-7

3. HAZARDS IDENTIFICATION

Routes of Entry

Eye Contact: May cause eye irritation
Skin Contact: Molten wax will cause burns on contact with skin
Ingestion: Mild irritation of the digestive tract may occur if ingested
Inhalation: Mild irritation may occur if fumes are inhaled while heating

4. FIRST AID MEASURES

Eyes: Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.
Skin: Flush with cold water and seek medical attention if irritation persists
Ingestion: Seek immediate medical advice
Inhalation: If overcome by fumes remove from exposure and call a physician if symptoms persist
Medical Conditions Generally Aggravated by Exposure: None

5. FIRE FIGHTING MEASURES

Flash Point (Method Used):	>240°C
Flammable Limits	
LEL:	Not Established
UEL:	Not Established
Extinguishing Media:	Dry Chemical and CO2 for small fires. Use foam for large fires.
Special Firefighting Procedures:	Move exposed containers from fire area if possible. Use water to keep fire exposed containers cooled.
Unusual Fire & Explosion Hazards:	Potential combustible dust if flaked or powdered. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.
Hazard Thermal Decomposition Products:	Does not decompose up to 400°F
Protection of Firefighters:	Fire fighters should wear proper equipment and self-contained breathing apparatus with full face plate.

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Personal Precautions:	See below
Environmental Precautions:	Advise authorities if product enters sewers.
Methods for Cleaning Up:	Soak up with absorbent material such as paper, rags, or sawdust. Scrape and sweep up solidified material.

7. HANDLING AND STORAGE

Handling	
Safe Handling:	Use with caution around heat, sparks, static electricity and open flames.
Storage	
Requirements for Storage Areas and Containers:	Store in cool, dry well ventilated storage area. Do not store near oxidizing agents or strong acids.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Eye:	Splash goggles or face shield should be worn.
Skin/Body:	Gloves & Aprons should be worn to minimize contact.
Respiratory:	Not needed under normal conditions of use. Use adequate ventilation or NIOSH-approved respiratory devices if heating product.
Ventilation:	A mechanical exhaust/ventilation or fume collection system is recommended if heating product to elevated temperatures.
Other:	Evaluate need based on application.
Work/Hygiene Practice:	N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid Wax
Color:	Yellow/brown
Odor:	Characteristic of wax, honey-like
pH:	N/A
Vapor Pressure (mm Hg.):	N/A
Vapor Density (AIR = 1):	N/A

Boiling Point: (@ 760 mmHg)	>260°C
Melting Point:	61-65°C
Acid Value:	17-24
Specific Gravity: (@80/4°C)	0.92-0.97
Evaporation Rate:	N/A
Solubility in Water:	Insoluble
Water Reactive:	No

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions
Incompatibility (Materials to Avoid):	Strong oxidants and strong acids
Hazardous Decomposition or Byproducts:	CO ₂ , CO and other organic compounds may be formed.
Conditions to Avoid:	Excessive heating
Hazardous Polymerization:	Will Not Occur

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Exposure:	N/A
Threshold Limit Value:	Non Toxic
Medical Conditions Generally Aggravated by Exposure:	None
Irritancy:	Ingestion: LD ₀ 5g/kg Skin: Not expected to be an irritant Eyes: Mild irritation potential
Carcinogenicity:	Not listed by ACGIH, IARC, NIOSH, NTP or OSHA.
Reproductive Toxicity:	No Data
Teratogenicity:	No Data
Mutagenicity:	No Data
Name of toxicologically synergistic products:	N/A

12. ECOLOGICAL INFORMATION

Biodegradation:	Expected to be ultimately biodegradable
Fish Toxicity:	No Data
Bacterial Toxicity:	No Data

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:	Dispose of according to local, state and federal regulations.
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14. TRANSPORT INFORMATION

DOT Classification:	
Class/Division:	Not restricted
Proper Shipping Name:	NA
Label:	None
Packing Group:	NA

ID Number: NA
Hazard: NA

15. REGULATORY INFORMATION

EEC Number: 901
FDA Approved Under Regulations 21 CFR 184.1973 and 21 CFR 184.1975

16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.
This product is not considered hazardous.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.

Hemp Extract EPK-FSC60 MSDS – MATERIAL SAFETY DATA SHEET Effective 2019

1. Product Name and Company Identification

Product Name: Industrial Hemp Oil Extract EPK-FSC60
Tariff code: 1515.90.80.10
Product Use: Personal Care Formulations
Product Source: 100% Industrial Hemp grown under government license
Company Name: EPK Products LLC.
Company Address: 1110 Delaware Ave. unit E
Date Issued: 09/07/2019
Emergency Telephone Number: 1-970-761-5191

2. Ingredient / Composition Information

Ingredients: 100% Industrial Hemp flower
Hazardous Components: None

3. Hazards Identifications

Eye Contact: Medium to strong irritation may occur
Skin Contact: No known hazard
Ingestion: No known hazard
Inhalation: NA at temperatures under 70 degrees F.
Avoid inhalation at temperatures over 110F. May cause lung irritation and coughing.

4. First Aid Measures

Eyes: Flush with water or eye wash solution for 15 minutes.
Get medical attention if irritation persists.
Skin: Wash with soap and water if needed.
Ingestion: N/A
Inhalation: N/A
Medical conditions generally aggravated by exposure- none

5. Fire Fighting Measures

Extinguishing Media: Dry Chemical, Carbon Dioxide, Fog, Foam
Special Fire Fighting Procedures: Cool containers exposed to flame with water. Limit the spread of oil. Treat as an oil (edible fat) fire.
Use air supplied equipment for fighting interior fires.
Unusual fire & Explosion Hazard. Combustible but no particular hazard.

6. Accidental Release Measures

Methods for cleaning up: Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water. Use of alcohol may be needed to dissolve resinous residue.

7. Handling and Storage

Safe handling: Keep away from sources of ignition and open flames
Storage requirements: Store in a cool, dry location, in a sealed container

8. Exposure Control / Personal Protection

Eye: Safety glasses should be worn
Skin/Body: Gloves should be worn
Respiratory: Not needed under normal conditions of use
Other: Evaluate need based on application.
Slip proof shoes may be worn when spills may occur.
Work/Hygiene Practice: Normal work and hygiene practices for handling non-hazardous liquid material

9. Physical and Chemical Properties Physical State: Thick Liquid or Paste

Color: Dark Brown, or Black
Odor: Characteristic, bitter, tar-like oil
pH: N/A; Vapor Pressure(mm Hg): N/A; Vapor Density (AIR=1): -
Flash point: >100 C; Specific gravity (H2O=1): - ;
Evaporation rate: - ; Solubility in water: Insoluble

10. Stability and Reactivity

Stability: Stable under normal conditions of use
Incompatibility (materials to avoid): Avoid strong oxidizers
Conditions to avoid: None
Hazardous decomposition or by-products: None

11. Toxicological Information

Oral: Expected to possess a relatively low degree of acute oral toxicity (LD50 expected to be >2000mg/kg)
Dermal: Expected to be practically non-toxic by dermal route
Inhalation: N/A.
Medical conditions generally aggravated by exposure: None
Irritancy: Not expected to be an irritant
Eyes: Is expected to be an irritant. Wear eye protection.

12. Ecological Information

Biodegradation: Ultimately biodegradable

13. Disposal Considerations

Waste disposal methods: Do not put into sewer lines. Dispose of according to local, state, area or council and all federal, governmental regulations.

14. Transport Information

DOT Classification: Not a DOT controlled material (USA)
Class/Division: Not restricted / Hazard: N/A
Proper Shipping name: N/A / Label: None
Packing Group/ID Number: N/A

15. Regulatory Information Not available

16. Additional Information

This information is provided for documentation purposes only. This product is not considered hazardous. The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however; all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulation remains the responsibility of the user. This safety sheet cannot cover all possible situations, which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.

DECLARATION OF ALLERGENS

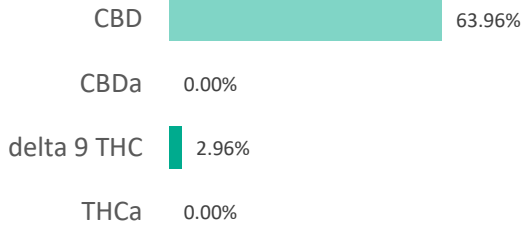
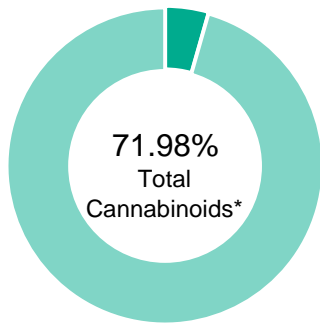
Date: 09/01/2019
Applicable in the USA, Australia and in accordance with European Directive 2007/68/ECz27.XI 2007r, we confirm that the following product: **Industrial Hemp Oil** does not contain the allergens – Ingredients referred to in Article 6(3a), (10) and (11)

1. Cereals containing gluten (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridized strains) and products thereof;
2. Crustaceans and products thereof;
3. Eggs and product thereof;
4. Fish and products thereof
5. Peanuts and products thereof;
6. Soybeans and products thereof;
7. Milk and products thereof (including lactose);
8. Nuts, i.e. Almonds (*Amygdalus communis* L.), Hazelnuts (*Corylus avellana*), Walnuts (*Juglans regia*), Cashews (*Anacardium occidentale*), Pecan Nuts (*Carya illinoensis* (Wangnh.) K. Koch), Brazil Nuts (*Bertholletia excelsa*), Pistachio Nuts (*Pistacia vera*), Macadamia Nuts and Queensland Nuts (*Macadamia ternifolia*), and products thereof;
9. Nuts, used for making distillates or ethyl alcohol of agricultural origin for spirit drinks and other alcoholic beverages;
10. Celery and products thereof;
11. Mustard and products thereof;
12. Sesame seeds and products thereof;
13. Sulphur dioxide and sulphites at concentrations of more than 10mg/kg or 10mg/liter expressed as SO₂
14. Lupine and products thereof;
15. Mollusks and products thereof.;

The above information is complete and accurate to the best of our knowledge. It is based on the current formulation of the above product as it is supplied to us. Any reformulation that adds to that indicated on the above lists will be communicated to us.

080619FSC63WF

Batch ID:	080619FSC63WF	Test ID:	3154936.0055
Reported:	16-Aug-2019	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.20	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.10	2.96	29.6
Cannabidiolic acid (CBDA)	0.17	0.00	0.0
Cannabidiol (CBD)	0.09	63.96	639.6
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.11	0.00	0.0
Cannabinolic Acid (CBNA)	0.28	0.00	0.0
Cannabinol (CBN)	0.12	0.14	1.4
Cannabigerolic acid (CBGA)	0.18	0.00	0.0
Cannabigerol (CBG)	0.10	1.67	16.7
Tetrahydrocannabivarinic Acid (THCVA)	0.18	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.09	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.15	0.00	0.0
Cannabidivarin (CBDV)	0.08	0.12	1.2
Cannabichromenic Acid (CBCA)	0.15	0.41	4.1
Cannabichromene (CBC)	0.18	2.72	27.2
Total Cannabinoids		71.98	719.80
Total Potential THC**		2.96	29.60
Total Potential CBD**		63.96	639.60


NOTES:

N/A

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)


* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and } \text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$
FINAL APPROVAL


Daniel Weidensaul
 16-Aug-2019
 4:14 PM

PREPARED BY / DATE



Greg Zimpfer
 16-Aug-2019
 4:30 PM

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02

