

Coconut Oil

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Date of issue: 02/25/2016 Version: 1

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

1.1. Product identifier

Product name : Coconut Oil

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Food industry: component

1.3. Details of the supplier of the safety data sheet

OliveNation LLC
50 Terminal Street
Bldg. 2, Ste. 712
Charlestown, MA 02129

1.4. Emergency telephone number

Emergency number : CHEMTREC: Within USA and Canada: 1.800.424.9300 Outside USA and Canada: +1 703 527 3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Not classified

2.2. Label elements

GHS-US labeling

No labeling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Coconut Oil CAS No. 8001-31-8

3.2. Mixture

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.

First-aid measures after inhalation : Move to fresh air.

First-aid measures after skin contact : Wash off with warm water and soap.

First-aid measures after eye contact : Rinse thoroughly with plenty of water, also under the eyelids.

First-aid measures after ingestion : No special measures required. Health injuries are not known or expected under normal use.

4.2. Most important symptoms and effects, both acute and delayed

Eyes : Not expected pose health issues for the eye.

Skin : Prolonged or edcessive contact with skin may result in mild irritation, however, significant health injuries are not expected under normal use.

Inhalation	: Health injuries are not known or expected under normal use. When in the form of an airborne mist, refer to section 6 of this sheet for exposure limits pertaining to "vegetable oil mist". Excessive inhalation of mist may result in respiratory irritation.
Ingestion	: Health injuries are not known or expected under normal use. Overexposure may cause: Gastrointestinal disturbance.

4.3. Indication of any immediate medical attention and special treatment needed

Notes to physician : Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Dry chemical. Dry chemical powder. Carbon dioxide (CO ₂). Foam. Sand. Fog. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	: Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	: Thermal decomposition can lead to release of irritating gases and vapors, Acrolein, Carbon monoxide (CO), carbon dioxide (CO ₂), smoke, fumes.
Specific hazards arising from the chemical	: Risk of ignition. Rags and other materials containing this product may heat and spontaneously ignite, if exposed to air. Store wiping rags and similar materials in metal cans with tightly fitting lids. Cool closed containers exposed to fire with water spray.
Sensitivity to mechanical impact	: No information available.
Sensitivity to static discharge	: No information available

5.3. Advice for firefighters

Flammable properties	: Material may pose fire hazard because it is dispersed (or spread) by water.
Protection during firefighting	: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid high pressure washing or generation of aerosols. Material can create slippery conditions.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not allow product to reach soil, sewage system or any water course.

6.3. Methods and material for containment and cleaning up

Dam up. Soak up with inert absorbent material. Use dry spill kit material or sand, collect in appropriate containers. For disposal information see section 13. Clean contaminated surface thoroughly.

6.4. Other information

Oil soaked materials may spontaneously combust.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure adequate ventilation. Do not use pressure to empty drums. Keep away from open flames, hot surfaces and sources of ignition.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep in a cool sheltered place. To maintain product quality, do not store in heat or direct sunlight.

7.3. Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1. Exposure limits

As an airborne mist containing vegetable oil, exposure limits pertaining to "vegetable oil mist" have been provided below:

Chemical name	: Vegetable oil mist
ACGIH TLV	: TVL: 10 mg/m(3)

OSHA PEL	: TWA: 5 mg/m ³ mist, respirable fraction TWA: 15 mg/m ³ mist, total
MEXICO	: Twa: 10 MG/M ³ except irritant oils
NIOSH	: TWA: 10 mg/m ³ total mist TWA: 5 mg/m ³ respirable mist
Engineering measures	: Ensure adequate ventilation, especially in confined areas. Apply technical measures to comply with the occupational exposure limits.
General hygiene considerations	: Handle in accordance with good industrial hygiene and safety practice.

8.2. Personal Protective Equipment

Eye/face protection	: If exposed to airborne mist, or if splashing is possible, appropriate safety glasses with side-shields or safety goggles are recommended.
Skin and body protection	: Oil resistant gloves are recommended. Appropriate body protection should be selected based on activity and possible exposure. Also take into consideration the specific local conditions under which the product is used.
Respiratory protection	: In case of mist, spray or aerosol exposure wear suitable personal respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Color	: Off white
Odor	: Bland
Odor threshold	: Not applicable
pH	: Not applicable
Relative evaporation rate	: No information available
Melting/freezing point	: Approx. 25°C
Boiling point	: Not applicable
Flash point	: Greater than 300°C
Auto-ignition temperature	: Not auto-flammable
Decomposition temperature	: No information available
Vapor pressure	: No information available
Specific gravity/Relative density	: Approx. 0.9 (H ₂ O=1)
Solubility	: Water: Insoluble Soluble in many organic solvents
Oxidizing properties	: Not expected to be oxidizing

9.2. Other information

SECTION 10: Stability and reactivity

Stability	: Stable under normal conditions.
Possibility of hazardous reactions	: None under normal processing.
Conditions to avoid	: Keep away from open flames, hot surfaces and sources of ignition.
Incompatible materials	: No materials to be especially mentioned.
Hazardous decomposition products	: Thermal decomposition leads to formation of acrolein, Carbon monoxide (CO), Carbon dioxide (CO ₂), Smoke, Fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Based on available data, no evidence of acute toxicity
Skin corrosion/irritation	: Based on available data, not, or only slightly irritating.
Serious eye damage/irritation	: Based on available data, no evidence of serious eye damage / irritation.
Respiratory or skin sensitization	: Based on available data, not expected to be a skin or respiratory sensitizer.
Germ cell mutagenicity	: Based on available data, the classification criteria are not met.
Carcinogenicity	: Based on available data, no evidence of carcinogenicity.
Reproductive toxicity	: Based on available data, no evidence of reproductive toxicity.
Specific target organ toxicity (single exposure)	: Based on available data, the classification criteria are not met.
Specific target organ toxicity (repeated exposure)	: Based on available data, the classification criteria are not met.
Aspiration hazard	: Based on available data, no known aspiration hazard.
Potential Adverse human health effects and symptoms	
Eyes	: Not expected to pose health issues for the eye.
Skin	: Prolonged or excessive contact with skin may result in mild irritation, however, significant health injuries are not expected under normal use.
Inhalation	: Health injuries are not known or expected under normal use. When in the form of an airborne mist, refer to section 8 of this sheet for exposure limits pertaining to "vegetable oil mist". Excessive inhalation of mist may result in respiratory irritation.
Ingestion	: Health injuries are not known or expected under normal use. Overexposure may cause: Gastrointestinal disturbance.

SECTION 12: Ecological information

12.1. Ecotoxicity

Not classified for aquatic toxicity.

12.2. Persistence and degradability

Readily biodegradable.

12.3. Mobility

The product is insoluble and floats on water.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Whenever possible, as rules and regulations allow, please recycle or manage materials to minimize waste.

Waste disposal methods	: Dispose of in compliance with the laws and regulations pertaining to this product in your jurisdiction. Oil soaked materials may spontaneously combust and should be properly managed to avoid ignition and heat sources or oxygen rich environments. Collect and store soaked materials in closed, metal containers to help prevent combustion.
Contaminated packaging	: Empty containers should be decontaminated and taken for local recycling, recovery or waste disposal.

SECTION 14: Transport information

Domestic transport regulations (USA)

DOT Not regulated

Domestic transport regulations (Canada)

TDG Not regulated

Domestic transport regulations (Mexico)

MEX Not regulated

International transport regulations

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

Ozone Depleting Substances:

No Class I or Class II material is known to be used in the manufacture of, or contained in, this product.

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product is not known to contain any chemicals which are subject to the reporting requirements of the Act or regulations contained in 40 CFR 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 63)

This product is not known to contain any HAPS.

State Regulations

California Proposition 65

Proposition 65 chemicals are not expected to be found in this product above those naturally present in their agricultural source. Proposition 65 exempts naturally occurring listed chemicals from an obligation to label.

State Right-to-Know

Component Information.

Chemical Name	Weight%	Massachusetts	Minnesota	New Jersey	Pennsylvania
Coconut Oil	99-100	No	No	No	Yes

15.2. International regulations

CANADA

WHMIS Product Classification

Not a WHMIS controlled product.

WHMIS Ingredient Disclosure List IDL

No known component is listed on the WHMIS ingredients disclosure list.

(NPRI) Canadian National Pollutant Release Inventory

No known component is listed on NPRI.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

Mexico

Mexico - Grade Slight risk, Grade 1

SECTION 16: Other information

Other information

: **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Abbreviations and acronyms:

ACGIH TLV	American Confernece of Governmental Industrial Hygienists Threshold Limit Values
AICS	Australian Inventory of Chemical Substances (Australia)
CAS	Chemical Abstract Service
CHINA	Chinese Inventory of Existing Chemical Substances (China)
DOT	U.S. Department of Transportation
DSL	Domestic Substance List (Canada)
EINECS	European Inventory of Existing Commercial Chemical Substances (EU)
ELINCS	European List of Notified Chemical Substances (EU)
ENCS	Existing and New Chemical Substances (Japan) / ISHL – Industrial Health and Safety Law (Japan)
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IATA	International Air Transport Association Dangerous Goods Regulations
ICL	In Commerce List (Canada)
IMDG	International Maritime Dangerous Goods Code
IMO	International Maritime Organization
KECL	Korean Existing and Evaluated Chemcial Substances (Korea)
LC50	Lethal concentration that produces fatalities in 50% of a given test population
LD50	Median lethal dose of a given test population
MEX – NOM-002-SCT/2003	List of Hazardous Substances and Materials Most Commonly Transported
MEXICO	Mexico Occupational Exposure Limits
NDSL	Non Domestic Substances List (Canada)
NFPA	National Fire Protection Association
NIOSH	National Institute of Occupational Safety and Health
NZIoC	New Zealand Inventory of Chemicals (New Zealand)
OSHA	Occupational Safety and Heralth Administration
OSHA PEL	Occupational Safety and Health Administration Permissible Exposure Limits
PICCS	Inventory of Chemicals and Chemical Substances (Philippines)
STOT	Specific Target OrganToxicity
TDG	Transportation of Dangerous Goods (Transport Canada)
TSCA	Toxic Substances Control Act, Section 8(b) Inventory (USA)
TWA	Time Weighted Average: Average concentration that should not be exceeded during a woork day (usually 8 hours)
WHMIS	Workplace Hazardous Materials Information System