

Material Safety Data Sheet (MSDS)

Coconut Oil

Section 1: Chemical Product and Company Identification

Product Name:
Coconut Oil

Company Information:
Vida Oils (Pty) Ltd
23C Blue Street, Isithebe
Kwa-Zulu Natal

Tel: +27 32 459 1150
Fax: +27 86 689 2424

ENVIRO SERV (24HR Emergency Telephone), call:
0800 147 112

Date Issued:
14 January 2013

Section 2: Composition and Information on Ingredients

Ingredients:
Vegetable Oil 100% from Coconut
CAS# 8001-31-8
Hazardous Components: None
Toxicological Data on Ingredients: Not applicable

Section 3: Hazards Identification

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS	Not available
MUTAGENIC EFFECTS	Not available
TERATOGENIC EFFECTS	Not available
DEVELOPMENTAL TOXICITY	Not available

Repeated or prolonged exposure is not known to aggravate medical condition.

Section 4: First Aid Measures

Eye Contact: Flush with plenty of water for at least 15 minutes
Get medical attention if irritation occurs

Skin Contact: Wash with soap and flush with plenty of water
Get medical attention if irritation occurs

Inhalation: Remove to fresh air and seek medical attention

Ingestion: Get medical attention if discomfort is encountered

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature

Auto-Ignition Temperature: Not available

Flash Point: Above 300°C

Flammable Limits: Not available

Products of Combustion: Not available

Fire Hazards in Presence of Various Substances: Slightly flammable to flammable in presence of heat.

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Section 5: Fire and Explosion Data (Continue.)

Fire Fighting Media and Instructions:**Small Fire:**

Use DRY chemical powder

Large Fire:

Use water spray, fog or foam. Do not use water jet

Special Remarks on Fire Hazards:

May spontaneously heat and ignite if stored wet and hot

Special Remarks on Explosion Hazards:

Not available

Section 6: Accidental Release Measures

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.

Section 7: Handling and Storage

Precautions:

Keep away from heat

Avoid direct or prolonged contact with skin and eyes

Avoid breathing oil mist

Storage:

Store in an area that is cool, dry, and well ventilated.

Don't store in copper or copper related containers as it could affect the oil's colour.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Usually not necessary if good hygiene practices are followed

Personal Protection:

Respiratory protection is generally not required during normal operations

Where there is a danger of eye contact, wear splash proof goggles

Non-absorbent gloves

Boots

Exposure Limits:

Not available

Section 9: Physical and Chemical Properties

Physical state and appearance:

Solid to Semi-Solid (Temperature depending)

Odor:

Odorless or slight odor characteristic of Coconut

Taste:

Tasteless or slight taste characteristic of Coconut

Colour:

White to creamy white

Boiling Point:

>450°C

Melting Point:

23°C - 26°C

Specific Gravity at 15°C:

0.917-0.919

Vapor Pressure:

Not Applicable

Vapor Density:

Not available

Volatility:

Not available

Odor Threshold:

Not available

Solubility in Water:

Insoluble in cold water

Solubility:

Easily soluble in diethyl ether

Very soluble in chloroform, carbon disulfide, petroleum benzin

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Section 10: Stability and Reactivity Data

Stability:	The product is stable
Conditions of Instability:	Excess heat
Incompatibility (Materials to Avoid):	Reactive with strong oxidizing agents
Polymerization:	Will not occur

Section 11: Toxicological Information

Routes of Entry:	Absorbed through skin. Eye contact
Toxicity to Animals:	Not available
Chronic Effects on Humans:	Not available
Other Toxic Effects on Humans:	Slightly hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation
Special Remarks on other Toxic Effects on Humans:	
Acute Potential Health Effects:	
Skin:	May cause mild irritation
Eyes:	May cause mild irritation
Inhalation:	Not expected to be an inhalation hazard during usual industrial of the product as is
Ingestion:	Essentially non-toxic. Ingestion of large amounts may cause digestive/gastrointestinal tract irritation or upset
Chronic Potential Health Effects:	
Ingestion:	Repeated oral dosing of large amounts may affect the liver (fatty liver degeneration).

Section 12: Ecological Information

Ecotoxicity:	This material is readily biodegradable and unlikely to accumulate in the aquatic environment. Discharge of large amounts into the aquatic environment may kill fish and other organisms by oxygen depletion
Products of Biodegradation:	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise
Toxicity of the Products of Biodegradation:	Not available

Section 13: Disposal Considerations

Waste Disposal:	Waste must be disposed of in accordance with federal, state and local environmental control regulations
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Section 14: Transport Information

Identification:	Not Applicable
Special Provisions for Transport:	Not Applicable
	Not a dangerous material

Section 15: Other Regulatory Information

EEC hazard classification:	This product is not classified according to the EU regulations
Protective Equipment:	Splash proof goggles, gloves, boots

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Section 16: Other Information

This product is not considered hazardous and is readily biodegradable

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

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