

MATERIAL SAFETY DATA SHEET

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Effective Date: May 23, 2007

1. CHEMICAL PRODUCT IDENTIFICATION

Product Name	NIKKOL MACADAMIA NUT OIL
Common Chemical Name	MACADAMIA NUT OIL
Product Code (Supplier)	NIKKO CHEMICALS CO., LTD.
INCI Name	MACADAMIA TERNIFOLIA SEED OIL
CAS Number	128497-20-1, 129811-19-4
EINECS Number	

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Preparation:	Substance
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Information on hazardous ingredients

Chemical Name	%	EINECS No.	CAS Number
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3. HAZARD IDENTIFICATION

Human Health Hazards:	Not expected if handled and used properly. Inflammable. Be cautious of fire sources. May cause stimulation to the eyes, respiratory organ, and skin.
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4. FIRST AID MEASURES

Effects and Symptoms:

Ingestion	No adverse effects known.
Inhalation	No adverse effects known.
Skin Contact	No known effects.
Eye Contact	No known effects.

First Aid Measures:

Ingestion:	Wash inside the mouth with plenty of water. Unless unconscious, let victim drink 1 to 2 cups of water or milk. Call a doctor at once.
Inhalation:	Supply person with fresh air. Call a doctor if necessary.
Skin contact:	Wash away with soap and lots of water.
Eye contact:	Immediately rinse thoroughly with a lot of water for 15 minutes. Seek medical advice.

5. FIRE FIGHTING MEASURES

Extinguishing Media Suitable:	Sand. Powder. Carbon dioxide. Foam.
Special Firefighting Procedures:	Use proper extinguisher to put off the fire. Use protective clothing, gloves and mask. Execute fire fighting with sufficient ventilation..

Hazardous Thermal decomposition Products: None

Protection of Firefighters:	According to size of fire.
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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Avoid contact with skin and eyes.
Environmental Precautions:	Do not empty into drains.
Methods of cleaning up	Take up mechanically. Rinse the remaining material with lots of water.

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7. HANDLING AND STORAGE

Handling:	Avoid contact with skin and eyes. Wash hands and face well, and gargle after handling.
Storage:	Keep away from direct sunlight. Keep container tightly closed. Fire cautions.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory System Protection:	No special respirator needed.
Skin and Body Protection:	Wear suitable protective clothing and gloves.
Hand Protection:	Wear suitable gloves.
Eye Protection:	Eye goggles, with side shields.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid.
Color:	Pale yellow.
Solubility:	
Water	Not Soluble
Specific Gravity	0.909~0.915(20 °C)
Flash Point	328
Freezing Point:	-5 ~ -15

10. STABILITY AND REACTIVITY

Conditions to avoid:	The data available do not support any physical or chemical hazard. Stable under normal conditions.
Materials to avoid:	Not reactive
Hazardous Decomposition Products:	None

11. TOXICOLOGICAL INFORMATION

Ingestion:	No data.
Skin Irritation:	No data.
Eye Irritation:	No data.
Sensitization:	No data.
Carcinogenicity:	Not available for this substance. (EU Directives)
Mutagenicity:	Not available for this substance. (EU Directives)

12. ECOLOGICAL INFORMATION

No data.

13. DISPOSAL CONSIDERATIONS

Method of Disposal:	Take notice of national special regulations.
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14. TRANSPORT INFORMATION

Land - Road/Railway	This product is not classified according to ADR/RID
Inland Waterways	This product is not classified according to ADN
Sea	This product is not classified according to IMDG
Air	This product is not classified according to IATA
National Transport Regulations	No additional national transport regulations are known to the supplier.

15. REGULATORY INFORMATION

Label Name:	NIKKOL MACADAMIA NUT OIL
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16. OTHER INFORMATION

History

First issue	May 23, 2007
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The statements made here are supposed to describe the product with regard to necessary safety precautions. They do not guarantee special characteristics and are made to the best of our current knowledge.