



NEW DIRECTIONS AROMATICS

MATERIAL SAFETY DATA SHEET

SECTION: 1.1 PRODUCT IDENTIFICATION

Product Name: Coconut - Fractionated Carrier Oil
Botanical Name: *Cocos nucifera*
Chemical Name: *Glyceryl Tricaprate Caprylate*
Synonyms: *Palma cocos*
INCI Name: Caprylic/capric triglyceride
CAS #: 6538-09-1, 73398-61-5
EINECS#: 265-724-3, 277-452-2
Country of Origin: Canada

SECTION: 1.2 COMPANY IDENTIFICATION

Company: New Directions Aromatics Inc.
Address: 6781-Columbus Road, Mississauga. L5T 2G9 Canada
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24 HOUR EMERGENCY TELEPHONE NUMBER: (613)-996-6666 CANUTEC

SECTION: 2. COMPOSITION / INFORMATION INGREDIENTS

Constituents: Caproic, caprylic, capric, lauric, myristic acids
Composition: Caprylic Acid: 55 – 75 % Capric Acid: 24 – 45 %

SECTION: 3. HAZARDS IDENTIFICATION

Hazardous Ingredients: None

This material is a vegetable oil. The manufacturer does not anticipate any harmful effects from this product providing good manufacturing practices are followed.

SECTION: 4. FIRST AID MEASURES

Eye Contact: Irrigate with water immediately, continue flushing eyes with water for 15 minutes. Seek medical attention if irritation persists.
Inhalation: Remove to fresh air.
Ingestion: Do not induce vomiting. Never-give anything by mouth if victim is unconscious, is rapidly-losing or is Convulsing.
Skin Contact: Skin contact may not produce irritation, or itching of the skin.

SECTION: 5. FIRE FIGHTING MEASURES

Flash Point: >175 °C
Extinguishing media: Carbon Dioxide, dry chemical or foam.
Special Procedures: Determine the need to evacuate or isolate the area according to your local emergency plan.
Unusual Firefighting: None identified.
Protective Equipment: None
Combustion Product: Carbon Monoxide, Carbon Dioxide

SECTION: 6. ACCIDENTAL RELEASE MEASURES

Safety Precautions: Eliminate all ignition sources. Ventilate area. Determine the need to Evacuate or isolate the area according to your local emergency plan.
Environmental Precautions: Keep away from drains, surface and ground water. Report spills to



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Methods For Cleaning Up: appropriate Authorities if required.
Contain and collect with inert absorbent material and place in suitable container for disposal. Comply with all federal, state, and local regulation.
Wipe small spills with cloth. Clean with hot water and detergent.

SECTION: 7. HANDLING AND STORAGE

Handling: None. Contaminated clothing and shoes should be cleaned before re-use.
Storage: Store in a cool, dry, well ventilated place protected from light.
Keep away from extreme heat and from freezing conditions and away from all sources of ignition

SECTION: 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes Protection: The use of safety glasses is recommended
Respiratory Protection: In well- ventilated areas, respiratory protection is not normally required.
Protective Equipment: An eyewash fountain and / or safety shower should be available in the work area. Acceptable industrial hygiene practices should be maintained.

SECTION: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, Colorless liquid
Odor: Characteristic odor
Solubility: Soluble in alcohol and oils. Insoluble in water.
Relative Density: 0.930 – 0.950 @°C
Refractive Index: 1.440 – 1.450 @°C
% Unsaponifiables: <0.3 %
Saponification Value: 310 – 340
Iodine Value: <2 %
Peroxide Value: <0.1 meq/kg
Extraction Method: Cold-pressed of the seeds/kernels followed by fractionation to remove unsaturated constituents
Shelf-Life: 6 to 12 months.

SECTION: 10. STABILITY AND REACTIVITY

Stability: Chemically stable.
This material presents no significant reactivity hazard.
Conditions to Avoid: Avoid sparks, flame and excessive heat.
Materials to Avoid: Strong oxidizing agents.
Flammability: Combustible liquid.
Hazardous Polymerization: Will not occur.
Hazardous Combustion or None known.
Decomposition Products: When heated to decomposition produces carbon dioxide and monoxide smoke.

SECTION: 11. TOXICOLOGICAL INFORMATION

Skin Contact: Repeated or prolonged contact can cause irritation of skin
Eye Contact: May irritate eyes.
Ingestion: Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting.



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Medical Conditions Aggravated

by Exposure:	May aggravate dermatitis, psoriasis and other skin conditions.
Chronic Toxicity:	May cause allergic reactions on skin
Carcinogenicity Data:	None of the components of this material are listed as a carcinogen.
Reproductive Toxicity:	No adverse effects on reproduction are known.
Acute Toxicity Values:	No data is currently available.

SECTION: 12. ECOLOGICAL INFORMATION

No Data available

SECTION: 13. DISPOSAL CONSIDERATION

Incineration or sanitary landfill in accordance with local, provincial and federal regulations. Check with disposal expert to insure compliance

SECTION: 14. TRANSPORT INFORMATION

US DOT Shipping Description:	Check appropriate authority
IATA Shipping (Air):	Check appropriate authority
IMDG Shipping Description:	Check appropriate authority

SECTION: 15. REGULATORY INFORMATION

WHMIS (Canada):	N/A
HMIS (USA):	Health Hazard -1 Fire Hazard -1 Reactivity - 0

SECTION: 16. OTHER INFORMATION

Revision Date: December 5, 2011

SECTION: 17. DISCLAIMER

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CERTIFICATE OF ANALYSIS

Product: Coconut - Fractionated Carrier Oil
Lot No.: 15029-A42/D42
Best Before: August 2012

<u>Property</u>	<u>Specification</u>	<u>Result</u>
Appearance:	Clear, colorless Liquid	Complies
Odor:	Characteristic odor	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Peroxide Value: Meq/kg	<1%	Complies
Iodine Value: Mg/12/100g	<1%	Complies
Saponification value mgKOH/g	325-345	Complies
Viscosity @20°C Mpa·s	25-33	Complies
Hydroxyl Value mgKOH/g	<5	Complies
Relative Density (d20/20)	0.93-0.96	Complies
Refractive index @20°C	1.440-1.452	Complies

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