



NEW DIRECTIONS

A R O M A T I C S

MATERIAL SAFETY DATA SHEET

SECTION: 1.1 PRODUCT IDENTIFICATION

Product Name: Jojoba Clear/Deodorized Carrier Oil
Botanical Name: *Simmondsia chinensis*
Synonyms: *Buxus chinensis*, *Simmondsia californica* Nutt.
INCI Name: Simmondsia chinensis (jojoba) seed oil
CAS #: 61789-91-1
County of Origin: USA

SECTION: 1.2 COMPANY IDENTIFICATION

Company: New Directions Aromatics Inc.
Address: 6781-Columbus Road, Mississauga. L5T 2G9 Canada
Telephone No: 905-362-1915
FAX: 905-362-1926

24 HOUR EMERGENCY TELEPHONE NUMBER: (613)-996-6666 CANUTEC

SECTION: 2. COMPOSITION / INFORMATION INGREDIENTS

Main Constituents: Lauric, myristic, palmitic, palmitoleic, margaric, margroleic, stearic, oleic, linoleic, linolenic, arachidic, eicosanic, behenic, lignoceric and erucic fatty acids.

Composition	Palmitic Acid:	<4 %	Eicosanic Acid:	40 – 80 %
	Oleic Acid:	5 – 25 %	Erucic Acid:	10 – 25 %
	Linoleic Acid:	<5 %		

SECTION: 3. HAZARDS IDENTIFICATION

N/A

Medical Information: N/A

SECTION: 4. FIRST AID MEASURES

Eye Contact: Contact with eyes can produce burning sensation. Irrigate with water immediately, continue flushing eyes with water for 15 minutes. Seek medical attention if irritation persists.

Inhalation: Remove to fresh air. .

Ingestion: Not applicable.

Skin Contact: Wash with soap and plenty of water. Seek medical attention if irritation persists.

SECTION: 5. FIRE FIGHTING MEASURES

Flash Point: >500 °F

Extinguishing media: Carbon Dioxide, dry chemical or foam. Closed containers may build up pressure at elevated temperature

Special Procedures: Determine the need to evacuate or isolate the area according to your local emergency plan.

Unusual Firefighting Hazards: None identified.

Protective Equipment: Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving oils or chemicals.

Combustion Product: Carbon Monoxide, Carbon Dioxide



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SECTION: 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	None
Safety Precautions:	Eliminate all ignition sources. Ventilate area.
Environmental Precautions:	Keep away from drains, surface and ground water. Report spills to appropriate Authorities if required.
Methods For Cleaning Up:	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:	Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use.
Storage:	Containers should be kept closed in order to minimize contamination. Store in a cool, dry, well ventilated place protected from light and strong oxidizing agents.

SECTION: 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes Protection:	The use of safety glasses is recommended. If a material is to be handled in a manner where splashing may occur
Respiratory Protection:	In well- ventilated areas, respiratory protection is not normally required.
Protective Gloves:	Not usually needed.
Protective Clothing:	Not usually needed.
Protective Equipment:	An eyewash fountain and / or safety shower should be available in the work area. Acceptable industrial hygiene practices should be maintained.
Note:	These precautions are for room temperature handling. Use at elevated temperature may require additional precautions

SECTION: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless Liquid.
Odor:	Characteristic neutral odor.
Solubility:	Insoluble in water.
Specific gravity:	0.855 – 0.875 @ 25°C
Refractive Index:	1.460 – 1.468 @ 25°C
Solidification Point:	10 °C
Peroxide Value:	<0.5 meq/kg
Unsaponifiabiles:	45 – 55 %
Saponification Value:	90 – 98
Iodine Value:	80 – 90
Extraction Method:	Cold-pressed of the seeds.



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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 Decomposition Products:	None known. When heated to decomposition produces carbon dioxide and monoxide smoke.

SECTION: 11. TOXICOLOGICAL INFORMATION

Inhalation:	Not applicable.
Skin Contact:	Not applicable.
Eye Contact:	May irritate eyes.
Ingestion:	Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting.
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 about long-term adverse effects in the aquatic environment. Avoid any pollution of ground, surface or underground water.

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):	Not Available
HMIS (USA):	Health Hazard – 0 Fire Hazard –1 Reactivity – 0
SARA 302/ SARA 313:	None
California Proposition 65:	This product does not contain chemical listed per the Safe Drinking Water and Enforcement Act of 1986



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SECTION: 16. OTHER INFORMATION

Revision Date: November 23, 2011

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SECTION: 17. DISCLAIMER

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CERTIFICATE OF ANALYSIS

Product: Jojoba Clear/Deodorized Carrier Oil
Product Lot No: 15014-A20 /B20/C20/D20/ E20
Best Before: August 2013

<u>Properties</u>	<u>Specifications:</u>	<u>Results:</u>
Appearance:	Colorless Liquid.	Complies
Odor:	Characteristic neutral odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific gravity:	0.855 – 0.875 @ 25°C	Complies
Refractive Index:	1.460 – 1.468 @ 25°C	Complies
Peroxide Value:	<5 %	0.2
Acid Value:	<1 mg KOH/g (0.22)	0.27
Saponification Value:	90 – 98	Complies
Iodine Value:	80 – 90	Complies

DISCLAIMER:

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