



NEW DIRECTIONS AROMATICS

MATERIAL SAFETY DATA SHEET

SECTION: 1.1 PRODUCT IDENTIFICATION

Product Name: Soy Lecithin Raw Material
Other Name: Phospho LCN-G™
INCI Name: Soy Lecithin
CAS #: 8002-43-5
Country 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

Constituents: Natural mix of triglycerides, phospholipids and glycolipids with a small amount of carbohydrates.

SECTION: 3. HAZARDS IDENTIFICATION

Non-Hazardous chemical

Medical Information: N/A

SECTION: 4. FIRST AID MEASURES

Eye Contact: If contact with eyes produces burning sensation, Flush eyes with water immediately. Continue flushing eyes with water for 15 minutes. Seek medical attention if irritation persists.

Inhalation: Remove to fresh air.

Ingestion: Rinse mouth with water and consult a physician immediately. Do not induce vomiting. Never-give anything by mouth if victim is unconscious, is rapidly-losing or is Convulsing.

Skin Contact: Skin contact may produce irritation, or itching of the skin. Seek medical attention if irritation persists.

SECTION: 5. FIRE FIGHTING MEASURES

Flash Point: 230 °C (>450 deg. F)
Extinguishing media: Carbon Dioxide, dry chemical, water or foam.
Special Procedures: Standard Procedure of fire fighting
Unusual Firefighting Hazards: None identified.
Protective Equipment: Standard Firefighters equipments
Combustion Product: Carbon Monoxide, Carbon Dioxide

SECTION: 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: N/A
Safety Precautions: Allow any molten material to setup then scrape up.
Environmental Precautions: Keep away from drains, surface and ground water. Report spills to appropriate Authorities if required.



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Methods For Cleaning Up: 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.
Storage: Store in a cool, dry, well ventilated place protected from light.

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. In confined, poorly ventilated areas the use of "NIOSH" approved respiratory protection is recommended.
Protective Gloves: Using chemical resistant gloves is recommended.
Protective Clothing: Using chemical resistant clothing is recommended.
Protective Equipment: N/A

SECTION: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellow to Brownish oily liquid.
Odor: Characteristic mild odor.
Solubility: Soluble in water and Alcohol
Density: 1.04 – 1.06
pH of 10% Solution: 5.0 – 7.0
Viscosity: Approx. 500 – 1500 cps
Acetone Insoluble: 60 – 65 %
Hexane Insoluble: <1.0 %
Moisture Content: <1.0 %
Process Method: Removed from natural organic soybean oil by additional of water and centrifugation or by steam precipitation

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.
Carbon dioxide and monoxide smoke.

SECTION: 11. TOXICOLOGICAL INFORMATION

Inhalation: Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.
Skin Contact: Repeated or prolonged contact can cause redness, irritation and scaling of skin (Dermatitis). Adverse skin effects should be prevented by normal care and personal hygiene
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



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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

Expected to be 100% Bio-degradable
Aquatic: No data

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

IMDG Code/Class:	Non-hazardous
US DOT Shipping Description:	Non-hazardous
IATA Shipping (Air):	Non-hazardous
ADNR Class	Non-hazardous

SECTION: 15. REGULATORY INFORMATION

WHMIS (Canada):	Not Available
HMIS (USA):	Health Hazard –N/A Fire Hazard –N/A Reactivity – N/A
EU Classes and Risk Phrases for reference:	N/A

SECTION: 16. OTHER INFORMATION

Revision Date: October 17, 2011

SECTION: 17. DISCLAIMER

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CERTIFICATE OF ANALYSIS

PRODUCT: SOY LECITHIN RAW MATERIAL
LOT NO: 16030-A16/B16
Retest Date: April, 2010
Best Before: April, 2012

Properties	Specifications:	Results:
Appearance:	Yellow to Brownish oily liquid.	Complies
Odor:	Characteristic mild odor.	Complies
Solubility:	Soluble in water and Alcohol	Complies
Moisture Content:	<1.0 %	Complies
pH of 10% Solution:	5.0 – 7.0	Complies
Viscosity:	1000 – 10000 cps	Complies
Acid Value:	0 - 35 mg KOH/gm	Complies

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Properties	Specifications:	Results:
Appearance:	Yellow to Brownish oily liquid.	Complies
Odor:	Characteristic mild odor.	Complies
Solubility:	Soluble in water and Alcohol	Complies
Moisture Content:	<1.0 %	0.4
pH of 10% Solution:	5.0 – 7.0	Complies
Viscosity: @25°C	1000 – 10000 cps	5500 cps
Acid Value:	0 - 35 mg KOH/gm	28.34

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