



MATERIAL SAFETY DATA SHEET

SECTION: 1.1 PRODUCT IDENTIFICATION

Product Name: Pumpkin Seed Butter
Botanical Name: Cucurbita pepo
Synonyms: Cucurbita mammeata, Cucurbita melopepo, Cucumis pepo
INCI Name: Cucurbita pepo (pumpkin) seed oil (and) hydrogenated Vegetable oil
CAS #: 68334-28-1
Country of Origin: USA

SECTION: 1.2 COMPANY IDENTIFICATION

Company: New Directions Aromatics Inc.
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SECTION: 2. COMPOSITION / INFORMATION INGREDIENTS

Constituents:
Pumpkin seed Butter is a vegetable fat derived from the seeds of the Cucurbita pepo (pumpkin) seed oil (and) hydrogenated Vegetable oil

SECTION: 3. HAZARDS IDENTIFICATION

Human Health Hazards: None expected if handled and used properly
Medical Information: N/A

SECTION: 4. FIRST AID MEASURES

Eye Contact: Flush the eyes with large amount of water and seek medical attention.
Inhalation: No Direct Hazard. Remove to fresh air.
Ingestion: No Direct Hazard. Rinse mouth with water and consult a physician.
Skin Contact: No irritation

SECTION: 5. FIRE FIGHTING MEASURES

Flash Point: N/A Combustible at elevated temperature
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.
Firefighting Hazards: None identified.
Protective Equipment: Self-contained breathing apparatus and protective clothing should be worn
Combustion Product: Carbon Monoxide, Carbon Dioxide

SECTION: 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use of self-contained breathing apparatus is recommended.
Safety Precautions: Danger of slipping possible. Eliminate all ignition sources.
Environmental Precautions: Keep away from drains, surface and ground water. Report spills to appropriate Authorities if required.
Methods For Cleaning Up: Comply with all federal, state, and local regulation. Wipe small spills with cloth. Clean with hot water and detergent.



NEW DIRECTIONS

A R O M A T I C S

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SECTION: 7. HANDLING AND STORAGE

Handling:	Wear safety glasses and gloves
Storage:	Containers should be kept closed in order to minimize contamination. Store in a cool container below 25 C in dry, well ventilated place protected from light. Keep away from extreme heat and away from all sources of ignition. Ground containers to comply. Reseal in air tight container and Nitrogen blanket after opening when possible.

SECTION: 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes Protection:	The use of safety glasses is recommended.
Respiratory Protection:	No special respirator needed.
Protective Gloves:	Using chemical resistant gloves is recommended.
Protective Clothing:	Using chemical resistant clothing is recommended.
Protective Equipment:	Slip proof shoes in area where leaks or spills.

SECTION: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: (@25 °C)	Off-white to light orange color, soft & solid fat
Odor:	Odorless
Melting Point:	40 - 50 °C
Peroxide Value:	0.0 – 10.0 meq/kg
Saponification Value	190 - 200
Usage limit:	3 – 100%.
Acid Value (mg KOH/G)	0.0 – 2.0

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:	Avoid open flame
Hazardous Polymerization:	Will not occur.
Hazardous Combustion or	None known.
Decomposition Products:	When heated to decomposition produces acid fumes and carbon monoxide smoke.

SECTION: 11. TOXICOLOGICAL INFORMATION

Inhalation:	None
Skin Contact:	None
Eye Contact:	May irritate eyes.
Ingestion:	None
Medical Conditions Aggravated	
by Exposure:	None
Chronic Toxicity:	N/A
Carcinogenicity Data:	N/A
Reproductive Toxicity:	N/A
Acute Toxicity Values:	N/A



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SECTION: 12. ECOLOGICAL INFORMATION

Very toxic to aquatic organism may cause 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):	N/A	
HMIS (USA):	Not Regulated	
EU Labeling:	R	N/A
	S25	Avoid Contact with eyes
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.
	S39	Eye wear protection

SECTION: 16. OTHER INFORMATION

Revision Date: January 30, 2012

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SECTION: 17. DISCLAIMER

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CERTIFICATE OF ANALYSIS

Product: Pumpkin Seed Butter
Lot No.: 16056-A08/B08
Manufacturing Date: August 2011
Best Before: August 2013

<u>Property</u>	<u>Specification</u>	<u>Result</u>
Appearance: (@25 °C)	Off-white to light orange color, soft & solid fat	Complies
Odor:	Odorless	44
Melting Point:	40 - 50 °C	Complies
Peroxide Value:	0.0 – 10.0 meq/kg	3.0
Saponification Value	190 - 200	Complies
Acid Value (mg KOH/G)	0.0 – 2.0	0.5

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