



NEW DIRECTIONS

A R O M A T I C S

MATERIAL SAFETY DATA SHEET

SECTION: 1.1 PRODUCT IDENTIFICATION

Product Name: Bee Pollen (Actiphyte) – Raw Material
Trade Name: 5:1 Actiphyte Bee Pollen.
Botanical Name: Various flowers.
CAS #: N/A
Country of Origin: China

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: N/A

SECTION: 3. HAZARDS IDENTIFICATION

Acute Health Effect N/A

SECTION: 4. FIRST AID MEASURES

Eye Contact: Check and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Ingestion: DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie belt or waistband. Seek medical attention immediately.

SECTION: 5. FIRE FIGHTING MEASURES

Products of combustion Carbon oxides (CO, CO₂)

Fire fighting media and instructions: Small Fire: Use Dry chemical powder
Large Fire: Use water spray, fog or foam, CO₂

Special Remarks on Fire Hazards: When heated to decomposition it emits acrid smoke and fumes.

Special remarks on Explosion Hazards N/A

SECTION: 6. ACCIDENTAL RELEASE MEASURES

Small spill and leak Use appropriate tools to put the spilled solid in an appropriate waste container. Finish cleaning by spreading water on the containment surface and dispose of according to local and regional authority requirements.

Large spill and leak Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated



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surface and dispose of according to local and regional authority requirements.

**Personal protection
in case of large spill**

Splash goggles, Gloves. Dust respirator, Lab coat.

SECTION: 7. HANDLING AND STORAGE

Handling

Keep away from heat. Do not ingest. Do not breathe dust. If ingested, seek medical advice immediately and show the container or the label.

Storage:

Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from heat and away from strong oxidizing agents.

SECTION: 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value (TLV).

Personal Protection

Eyes: Safety glasses
Body: Lab coat
Respiratory: No special protective clothing is required.
Avoid inhalation of product.
Hands: Gloves

Exposure Limits:

N/A.

SECTION: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Light yellow to orange powder.

Odor:

Characteristic odor.

Solubility:

Soluble in water.

Protein Content:

> 20 %

Moisture Content:

NMT 5 %

Heavy Metals:

NMT 3 ppm

pH:

4.5 – 5.5

Total Plate Count:

NMT 1000 cfu/g

Total Mold:

NMT 100 cfu/g

E. Coli:

Negative

Pathogenic Bacteria:

Negative

Major Components:

Antioxidants, vitamins A, C, D, E; selenium

SECTION: 10. STABILITY AND REACTIVITY

Stability:

Chemically stable.

Conditions to Avoid:

N/A

Materials to Avoid:

N/A

Corrosivity

N/A

Flammability:

N/A

Hazardous Polymerization:

Will not occur.

Decomposition Products:

Not known may produce fumes of Carbon dioxide and carbon monoxide smoke.



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SECTION: 11. TOXICOLOGICAL INFORMATION

Route of entry Absorbed through skin, Eye contact, inhalation, ingestion.

Acute effect on Humans

Eyes: Slightly hazardous in case of eye contact (irritant)
Skin: N/A
Inhalation Slightly hazardous in case of inhalation.
Ingestion N/A

Chronic Effects on Humans

Carcinogenic Effects: N/A
Mutagenic effects: N/A
Teratogenic Effects: N/A
Development toxicity: N/A

Repeated or prolonged exposure is not known to aggravate medical condition.

SECTION: 12. ECOLOGICAL INFORMATION

Eco-toxicity: N/A

BOD5 and COD: N/A

Product of Biodegradation Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the product of Biodegradation The products itself and its products of degradation are non toxic.

SECTION: 13. DISPOSAL CONSIDERATION

Waste Information: Waste must be disposed of in accordance with local, provincial and federal regulations.

Waste stream N/A

SECTION: 14. TRANSPORT INFORMATION

TDG Classification: Not controlled under TDG Canada; Check appropriate authority

IATA Shipping (Air): N/A; Check appropriate authority

IMDG Shipping N/A; Check appropriate authority

SECTION: 15. REGULATORY INFORMATION

WHMIS (Canada): Not controlled

Other Regulations: N/A

Other Classifications: HCS (U.S.A.) Not controlled under the HCS (USA)

USA Regulatory No products were found

Lists

DSCL (EEC) This product is not classified according to the EU regulations.

HMIS (USA) Rating: Health: N/A

Flammability: N/A

Reactivity: N/A

Personal Protection: N/A



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SECTION: 16. OTHER INFORMATION

Revision Date: November 10, 2011

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SECTION: 17. DISCLAIMER

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CERTIFICATE OF ANALYSIS

Product: Bee Pollen (Actiphyte) - Raw Material
Lot No.: 16081-A03
Manufacturing Date: September 2011
Best Before: September 2013

<u>Properties</u>	<u>Specification</u>	<u>Result</u>
Appearance:	Light yellow to orange powder.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Soluble in water.	Complies
Protein Content:	> 20 %	Complies
Moisture Content:	NMT 5 %	Complies
Heavy Metals:	NMT 3 ppm	Complies
pH:	4.5 – 5.5	Complies

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